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ABSTRACT

This document presents a report of the activities of the higher education institutions in Utah during fiscal year 1971-72. Contents include an outline of the academic affairs of the institutions, including descriptions of proposed programs approved, changes in academic program, programs disapproved or discontinued, the veterans approval program, and the statewide educational television system. In addition, tables are available presenting data on planning and capital facilities, budgets and finance, degrees conferred, and the employment outlook. (HS)

ED 076107

FEB 20 1973

THIRD ANNUAL REPORT
TO THE GOVERNOR AND THE LEGISLATURE
UTAH STATE BOARD OF HIGHER EDUCATION
1971-72

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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Preface

This report is submitted in fulfillment of the State Board of Higher Education's statutory obligation to report annually to the Governor and Legislature of the State of Utah.

It does not replace, substitute for, nor duplicate the necessary financial and other reports regularly issued by each member institution of the Utah System of Higher Education. Such documents, together with catalogs and other information, are available from the offices of the various college and university presidents.

Acknowledgment is made to B. Jackson Wixom, Jr., especially, and to all members of the staff for their assistance to him, in compiling the detailed information contained in this report.

G. Homer Durham
Commissioner of Higher Education

ED 076107

Third Annual Report to the Governor and the Legislature

Utah State Board of Higher Education

1971-1972

Established by the Higher Education Act of 1969
Enacted by the 38th Legislature, State of Utah, March 12, 1969
Approved by Governor Calvin L. Rampton, March 21, 1969

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UTAH STATE BOARD OF HIGHER EDUCATION
136 East South Temple Street, Suite 1201
Salt Lake City, Utah 84111

December 1972

Foreword

The State Board of Higher Education's third year, fiscal 1971–72, was a year of positive board initiative, despite litigation brought by the State Board of Education contesting the constitutionality of the Higher Education Act of 1969.

Career education, with increased emphasis on vocational-technical education, settled early as a major thrust for the year. Budgets presented to the 1972 Legislature included recommendations for substantial increases in "voc-tech" programming. The legislature underwrote the Board's emphasis, appropriating dollar for dollar to seven of the nine institutions for fiscal 1972–73 as the Board had recommended.

New Voc-Tech Programs

There were 19 new vocational-technical programs approved for member institutions during the year. Most significant, however, were the Board's implementation of statewide plans in health occupations, business and teacher education programming. The clustering of programs and development of career ladders in the health occupation areas may well function as a model for career program development throughout the curricula.

Without diminishing the importance of our colleges and universities, the Board recognizes the increasing demand for paraprofessional workers in many fields. It authorized pilot programs for the training of paraprofessional workers in law and social work this last year and is now investigating other areas of future need.

To keep the career education concept in balance, the Board invited nearly 100 prominent Utah citizens to its third annual Higher Education Assembly, to help it decide how closely curricula at the institutions should be tied to the Utah job market.

These delegates agreed that manpower data and career orientation are important aspects of higher education, but they also cautioned that tying higher education solely to Utah job opportunities would be a dangerous path to take.

The State Board of Higher Education views higher education as a total experience, declining to separate vocational-technical, professional, or general education. All are critical necessities in our increasingly complex society.

Under the Board's governance, the statewide Utah System of Higher Education has drawn closer together. Increasingly the nine institutions and their programs are becoming well coordinated. The orderly intertransferability of credit among institutions is now a fact. Significant progress has been made in breaking post-high school

study into a variety of segments in the interest of students and in the spirit of aiding many to pursue careers in less time and with more options. In that context, the Board is encouraging institutions to grant higher education credit for the off-campus work experience.

Revised Committee Structure

The Board entered its third year by streamlining four of its standing committees into two, combining the Curriculum-Roles Committee with the Vocational-Technical Education Committee, and the Capital Facilities with the Planning Committee.

The Board's Curriculum, Roles and Vocational-Technical Training committee is now current with its program approval progress. Program requests from the institutions now can be evaluated and acted upon in one or two months. In addition, the Committee instituted a systemwide study of teacher education, business, engineering and health-allied programs as being the most critical areas of possible unnecessary duplication and overlap. Concrete steps have been taken in each of these areas to assign primary roles, to minimize duplication of function and to insure the most effective and efficient use of the state's resources. In the field of teacher education the Board concluded that neither the forces of supply and demand nor voluntary action would curtail the outpouring of education graduates far beyond the capacity of Utah or the surrounding states to offer employment in the areas of their training. Accordingly, after consultation with deans and other college personnel and considerable study of the problem, a quota system was formulated for each of the four-year colleges, with each college authorized to implement the restricted program as best met the needs of its students.

The combined Planning and Capital Facilities Committee directed its activities primarily toward establishing a realistic planning program for the construction of the new Orem campus for Utah Technical College — Provo, and planning for the declining enrollment in higher education forecast for the next decade.

Two special committees were established in July, 1971, one to study the problems of tenure and faculty workload and the other to study any problems of governance of the System of Higher Education growing out of the first two years' experience under the 1969 Act. The Faculty Workload and Tenure Committee will report its findings early in 1973.

The special Committee on Governance spent the year evaluating the present system. After six public hearings, questionnaires and a "Little Higher Education Assembly," the Committee was able to inform the Board that the concept of the Higher Education Act of

1969 is supported by the overwhelming majority contacted in the governance review. It concluded that any necessary changes in present methods can be accomplished within the limits of the present statute.

Law Suit

The suit brought by the State Board of Education, however, has raised questions as to the validity of the 1969 Higher Education Act. As the fiscal year ended, the Utah Third District Court found the Act unconstitutional. This decision was appealed to the Utah Supreme Court, which heard oral argument in early November.

We believe that the brief experience of Utah's System of Higher Education has demonstrated the wisdom of the 1969 legislation. What changes, if any, in the basic legislation may be necessary in order to maintain that concept must, of course, await the decision of the Supreme Court. The Board, its Staff and the nine member institutions of the System stand dedicated to further development of an efficient and effective, unified System of Higher Education for the State of Utah.

Respectfully submitted,

PETER W. BILLINGS
Chairman, State Board of Higher Education

Members, Utah State Board of Higher Education

Established 1969

	Terms Expire
Peter W. Billings, Chairman, Salt Lake City	1975
Donald B. Holbrook, Vice Chairman, Salt Lake City	1977
Warren H. Bulloch, Cedar City	1977
George C. Hatch, Salt Lake City	1977
Ira A. Huggins, Ogden	1977
Richard J. Maughan, Bountiful	1975
Merrill J. Millett, Vernal	1973
*Thomas S. Monson, Salt Lake City	1975
Mrs. Jean Overfelt, Salt Lake City	1973
Luke G. Pappas, Price	1975
Charles E. Peterson, Provo	1973
Rex G. Plowman, Lewiston	1977
Roy W. Simmons, Kaysville	1975
H. Bruce Stucki, St. George	1973
Nathan C. Tanner, Ogden	1973

G. Homer Durham
Commissioner of Higher Education and Chief Executive Officer

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* On November 19, 1971, Governor Calvin L. Rampton appointed Mr. Monson to succeed Richard L. Evans, deceased November 1, 1971.

Utah Legislative Council Planning Committee on Higher Education

1972

Established 1969

Senator Merrill Jenkins, Ogden, Chairman
Senator Reed Bullen, Logan
Senator Warren E. Pugh, Salt Lake City
Senator Thorpe V. Waddingham, Delta
Representative Vance W. Aagard, Fountain Green
Representative L. Glen Cottle, Ogden
Representative Ronald T. Halverson, Ogden, Vice Chairman
Representative Milly Oberhansley Bernard, Kearns

Mr. Lewis H. Lloyd
Director, Legislative Council
326 Capitol Building, Salt Lake City, Utah 84114

Note: Senator Dixie Leavitt, Cedar City, and Senator W. Hughes Brockbank, Salt Lake City, also have been regular Planning Committee participants.

Member Institutions and Presidents, Utah System of Higher Education

(1972)

University of Utah (1850) Salt Lake City, 84112
Alfred C. Emery, President

Utah State University
Of Agriculture and Applied Science (1888) Logan, 84321
Glen L. Taggart, President

Weber State College (1889) Ogden, 84403
*Joseph L. Bishop, President

Southern Utah State College (1897) Cedar City, 84720
Royden C. Braithwaite, President

Snow College (1888) Ephraim, 84627
Floyd C. Holm, President

Dixie College (1911) St. George, 84770
Ferron C. Losee, President

College of Eastern Utah (1937) Price, 84501
Dean M. McDonald, President

Utah Technical College at Provo (1941) Provo, 84601
Wilson W. Sorensen, President

Utah Technical College at Salt Lake (1947) Salt Lake City, 84119
Jay L. Nelson, President

Office of the Commissioner
136 East South Temple St., Suite 1201, Salt Lake City, Utah 84111
G. Homer Durham, Commissioner of Higher Education

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*William P. Miller returned to teaching June 30, 1972, after 19 years as Weber State College president.

The Institutional Councils And Their Members

(1971–72)

UNIVERSITY OF UTAH (Salt Lake City)

Alfred C. Emery, President
Edward W. Clyde, Chairman
Linn C. Baker
Joseph E. Bernolfo, Jr.
Reed W. Brinton
Robert H. Hinckley
Fullmer H. Latter
Calvin W. Rawlings
Mrs. Dorothy Watkiss
Harold Woolley

UTAH STATE UNIVERSITY (Logan)

Glen L. Taggart, President
W. B. Robins, Chairman
Jay R. Bingham
Phillip A. Bullen
O. C. Hammond
Jay Dee Harris
Beverly D. Kumpfer
Snell Olsen
Alva C. Snow
Mrs. Jane S. Tabbuls

WEBER STATE COLLEGE (Ogden)

Joseph L. Bishop, President
Frank Francis, Jr., Chairman
Joseph F. Breeze
Dale T. Browning
Wilford G. Fowers
Dr. D. B. Green
Robert T. Heiner
Allan D. Musgrove
Mrs. Patricia Oliver
Harold C. Steed

SOUTHERN UTAH STATE COLLEGE (Cedar City)

Royden C. Braithwaite, President
Kumen S. Gardner, Chairman
David L. Bigler
Bernard P. Brockbank
Mrs. Loretta Cline
Dr. Reed W. Farnsworth
Elloyd T. Marchant
Frank J. Petty
John F. Piercey
Elden J. Yergensen

SNOW COLLEGE
(Ephraim)

Floyd S. Holm, President

Ralph Blackham, Chairman
Eugene Bartholomew
Angus H. Belliston
N. LaVerl Christensen
Roger Hansen
Ward Killpack
Arthur H. Nielsen
Mrs. LaRue Nielsen
A. Theodore Tuttle

DIXIE COLLEGE
(St. George)

Ferron C. Losee, President

Wayne Whitehead, Chairman
Rudger C. Atkin
L. Gene Bennett
Howard L. Blood
Mrs. Ruth R. Draper
James N. Kimball
H. Bernell Lewis
Neal M. Lundberg
Dr. A. W. McGregor

COLLEGE OF EASTERN UTAH (Price)

Dean M. McDonald, President

Dr. Orson B. Spencer, Chairman
Mrs. Bettina Black
Ray J. Bowen
John B. Gale
Oral E. Johansen
Paul Keller
F. Bennion Redd
Frederick G. Stoye
A. S. Veltri

UTAH TECHNICAL COLLEGE AT PROVO*

Wilson W. Sorensen, President

UTAH TECHNICAL COLLEGE AT SALT LAKE*

Jay L. Nelson, President

Helen B. Ure, Chairman
Sheldon S. Allred
Mrs. Erna S. Ericksen
Mrs. Esther R. Landa
Arthur H. Lee
A. Reed Morrill
Dr. John L. Owen
N. Russell Tanner
Karl I. Truman

* By law the Utah State Board for Vocational Education is the governing board for both Utah Technical Colleges.

Utah State Board of Higher Education
Committees and Members

1971–72

EXECUTIVE COMMITTEE

Peter W. Billings, Chairman
Donald B. Holbrook, Vice Chairman
Thomas S. Monson
Ira A. Huggins
Charles E. Peterson

BUDGET AND FINANCE

Roy W. Simmons, Chairman
Rex G. Plowman, Vice Chairman
George C. Hatch
Merrill J. Millett
H. Bruce Stucki
Nathan C. Tanner

PLANNING AND CAPITAL FACILITIES

Charles E. Peterson, Chairman
Ira A. Huggins, Vice Chairman
Warren H. Bulloch
Merrill J. Millett
Rex G. Plowman
Roy W. Simmons
H. Bruce Stucki

CURRICULUM ROLES AND VOCATIONAL-TECHNICAL TRAINING

George C. Hatch, Chairman
Richard J. Maughan, Vice Chmn.
Thomas S. Monson
Mrs. Jean Overfelt
Luke G. Pappas

SPECIAL COMMITTEES

FACULTY WORKLOAD, TENURE COMMITTEE

Richard J. Maughan, Chairman
Thomas S. Monson
Merrill J. Millett
Mrs. Jean Overfelt
H. Bruce Stucki

GOVERNANCE COMMITTEE

Donald B. Holbrook, Chairman
Warren H. Bulloch
Rex G. Plowman
Roy W. Simmons
Nathan C. Tanner

LEGISLATION AND LITIGATION COMMITTEE

Ira A. Huggins, Chairman
George C. Hatch
Luke G. Pappas
Charles E. Peterson

MEMBERS OF THE UTAH STATE BOARD OF HIGHER EDUCATION 1971–72

Row One (left to right): Rex G. Plowman, Warren H. Bulloch, Donald B. Holbrook, *Vice Chairman*, Peter W. Billings, *Chairman*, Mrs. Jean Overfelt, Roy W. Simmons, G. Homer Durham, *Chief Executive Officer*

Row Two (left to right): H. Bruce Stucki, Richard L. Evans, Luke G. Pappas, Merrill J. Millet, George C. Hatch, Richard J. Maughan, Charles E. Peterson, Nathan C. Tanner, Ira A. Huggins

Thomas S. Monson, pictured here separately, was appointed November 6, 1971, to fill vacancy occurring with Richard L. Evans' death.

Administrative Staff, Office of the Commissoner of Higher Education

136 East South Temple Street, Suite 1201
Salt Lake City, Utah 84111
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Commissioner of Higher Education and Chief Executive Officer of the Board ..... G. Homer Durham, Ph.D.
- Administrative Secretary ..... Mrs. Joyce B. Fox
- Information Officer ..... B. Jackson Wixom, Jr., M.S.J.
- Secretarial Assistant ..... Mrs. Janet Demman

Associate Commissioner and Director of Academic Affairs ..... Leon R. McCarrey, Ed.D.
- Secretary ..... Mrs. Lu Larson
- Assistant Director of Academic Affairs ..... Terry D. Alger, Ph.D.
- Planning Analyst ..... Richard E. Kendell, Ph.D.
- Research Assistant ..... Berniece Goebel
- Coordinator of Veterans Affairs ..... Sterling R. Provost, Ed.D.

Associate Commissioner and Director of Business Affairs ..... Myron R. Holbert, M.A.
- Secretary ..... Mrs. Afton C. Greaves
- Administrative Assistant ..... Helen Christensen
- Assistant Director of Financial Studies and Accounting Systems .... Derald V. Johnson, MB.A., C.P.A.
- Assistant Director, Budgets and Planning ..... Richard W. Jacobs, Ph.D.
- Senior Operations Analyst ..... Mont G. Kenney, B.S., C.P.A.
- Operations Analyst ..... David E. White, B.S., C.P.A.

Assistant Commissioner and Director of Planning ..... Harden R. Eyring, J.D.
- Secretary ..... Mrs. Maxine DeVitt
- Director, Title I Programs and Coordinator Statewide Television ..... T. M. Williams, Ph.D.

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I. Commissioner's Report

The people of Utah underwrite the most economical and efficient system of higher education in the world, in terms of accessibility and quality service.

Laudable Taxpayer Effort

A laudable effort by the Utah taxpayers provided $52.4 million in tax support for the state's nine institutions of higher education for the fiscal year ended June 30, 1972. To raise that much in tax revenue, the Utah taxpayer had to pay $13.38 per capita of each $1,000 of personal income.[1] The average American pays only $9.11. When the 1971–72 tax dollar is equated to enrolled students, however, Utah ranks a low 46th among the fifty states in the number of tax dollars invested per student for operating costs.

This has been a continuing story over the last two or three decades. What it means is simple. The Utah universities and colleges have had to tighten their belts and those with the capability, turn elsewhere for additional funding. The net result is economic pressure to produce efficiency.

Although Utah is only 36th in population among the 50 United States, due to its outstanding universities it is 28th in the amount of money it received in federal and private research and training grants. During 1971–72 that amount exceeded the total state appropriation for nine institutions. The two universities alone were able to attract $53 million in research and training grants.

Of course, the most important fact is how many individuals are benefiting from Utah's higher education expenditure. When both day and evening students are included the 1971–72 fall term head count enrollment exceeded 50,000 students. On a full-time statistical basis the figure becomes 43,251 students.

The number of students achieving distinction is another important consideration. Here Utah again is doing an extraordinary job. On the national average, about 53 percent of the students who begin a four-year bachelor's degree eventually complete it. In 1968, four years ago, 7,892 students entered Utah's public institutions as resident freshmen. If these students were to advance normally, their

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[1] Utah ranked 9th in the survey in which Hawaii was first with $17.12 and New Hampshire was last with $4.50. Recalculated with current data from original report of the Office of Research Information, N.A.S.U.L.G.C. "FYI" Circular Number 173, March 13, 1972. Current information sources: U.S. Department of Commerce, "Survey of Current Business," August, 1971, and M. M. Chambers, "Appropriations of State Tax Funds for Operating Expenses of Higher Education, 1971–72," p. 5.

graduation date would have been June 1972. There were 5,134 students graduated in June, many of whom, of course, entered prior to 1968. Utah has extraordinary factors which detract from a one-to-one relationship between those figures — missionaries, family formation, public-to-private transfers and so forth. But the numbers graduating with a bachelor's degree equaled 65 percent of those who began four years earlier. That number would be even more significant if the students entering vocational-technical programming at the two technical schools, Weber State College and all other institutions but the University of Utah were excluded.

Advanced degrees, short-course study options and advanced skill training while on the job are other contributions made by Utah's higher education institutions not considered in the above.

Extension, educational television, and continuing education services extend the influence of Utah's higher education institutions throughout the state. The county agent program sponsored by Utah State University, for example, has been a large reason why Utah's agricultural industry steadily expands to supply more and more of the nation's food markets.

The University of Utah has long been a leader in economic and business research so necessary in the vitalization and expansion of the Utah economy.

Cultural Centers

The cultural and entertainment contributions made by the educational institutions are more difficult to measure quantitatively, but their influence is evident. The cultural life of Utah tends to revolve around its colleges and universities. The lectures, exhibitions, concerts, drama events, musical presentations emerging from the canyons, theaters, museums, auditoriums, student union buildings are a vital part of Utah life. Such annual events as the Shakespeare Festival in Cedar City bring campus and community into close collaboration.

Each week thousands of Utahns find their places in the stadiums and arenas of the campuses for athletic contests, so popular in today's society.

The tax dollars invested in higher education provide the framework for the basic talent and facilities that produce many results. The Utah economy without higher education is difficult to imagine.

Increasingly in the future Utah will need strong, statewide leadership, if it is to maintain its present level of quality post-high school instruction.

Impending declines in higher education enrollment, increased demands from more and more agencies on the General Fund, once reserved almost exclusively for higher education, and an unquestioned need for innovation and reform in teaching methods and structures, all demand that Utah have creative leadership in order to cope with future pressures.

Leveling Enrollment

The state is facing a leveling-off in enrollments. Revenue from student fees makes up nearly two-fifths of all revenues required for the System's basic operations — excluding research and training operations. Any substantial reduction in enrollment means reduction in revenue if individual fees remain at their present levels.

So long as enrollments were increasing, the institutions had the increased student fees and collections to meet immediate increases in direct costs. When enrollment levels, however, institutions end up with higher costs in the market place but fewer dollars to pay for goods and services.

The proportionate total of statewide appropriation earmarked for higher education has remained relatively stable with occasional decreases in the last few years. However, more and other needs have arisen, each filing its claim for a portion of the state's General Fund revenues.

Statewide planning enables resources to be managed at both large and small institutions to meet Utah's needs. Statewide planning is a necessary force to accelerate needed change and improvement. Institutional jealousies, institutional reluctance to eliminate anything, and empire building within the institutions demand that the state take a more ecumenical look a the problems.

The statewide system of public higher education enacted in 1969 is good for Utah. It can succeed with proper professional leadership, service from distinguished citizen boards, capable legislators to make informed decisions in the best interest of all, and the support of the people.

G. Homer Durham
Utah Commissioner of Higher Education

II. Events of the Year

The filing by the State Board of Education of a suit against the State Board of Higher Education occupied time and attention throughout the 1971–72 academic year.

The State Attorney General's office filed the suit in the State Board of Education's behalf September 3, 1971. The year ended with Judge Gordon R. Hall, Utah Third District Court, upholding the State Board of Education's contention and declaring the 1969 legislative action to be unconstitutional. His decision was immediately appealed to the Utah Supreme Court.

Despite this challenge to its right to exist, the State Board of Higher Education made 1971–72 one of its most fruitful years in bringing further economy and efficiency into the State's higher education system. The following chronology lists some of the more important events of the year:

July 27, 1971 The Board reorganized reappointing Peter W. Billings as chairman, limiting the maximum service of any chairman to two two-year terms; six standing committees were merged into four; three special committees were named to study recent System concerns in governance, legislation and litigation, and faculty workload and tenure.

The Board adopted a statement of policy involving legislative relations. In essence it says that "presidents, as executive officers, owe a responsibility first to the System and then to a particular institution which is part of the System." The System "can function effectively only if the presidents support the Board's decisions." Further, "The presidents and their authorized representatives also are obligated to maintain effective informational liaison with members of the Utah legislature, which we favor as a matter of policy."

August 30, 1971 The Special Committee on Governance met with institutional council chairmen and Mrs. Helen B. Ure, State Board of Education chairman, to preview issues to be investigated in the governance review and evaluation.

September 3, 1971 The Attorney General's Office filed suit in Third District Court, challenging the constitutionality of the State Board of Higher Education.

September 10, 1971 The Board staged a Little Higher Education Assembly, in conjunction with the Utah Conference on Higher Education, opened to legislators, institutional council members, administrators, students and faculty, affording opportunity to participate with the special committee in its governance review.

The Board adopted a policy permitting institutions within the System to transfer or consolidate existing administrative units within institutions, or to eliminate such units, subject to a suspensive 45-day veto. "No action shall be considered to be final until 45 days after report by the President to the Board of the intended change," the policy states.

The Board established technical advisory ad hoc committees under the chairmanship of Leon R. McCarrey, associate commissioner, to study health care occupations, engineering, teacher training and business programs with recommended steps to be taken in planning future program offerings within those fields.

Member institutions with programs within those concern areas were asked to provide representation on the committees.

September 22, 1971 The Legislative Planning Committee on Higher Education held a formal meeting under the chairmanship of Senator Merrill Jenkins to confer with Board members and the Commissioner. Special Governance Committee plans, the University Hospital deficit and staff replacement appointments in the Office of the Commissioner were discussed.

October 19, 1971 The Board readjusted the distribution of responsibility for capital facilities administration in the System. Presidents and institutional councils were delegated most authority in administering capital facilities construction on the individual campuses.

October 21, 1971 The Commissioner and members of his staff presented to the Legislative Planning Committee on Higher Education plans for statewide educational television developments and 1972–73 budget preparation.

October 22, 1971 The Commissioner and his staff began budget hearings with each state institution in preparing the Commissioner's 1972–73 budget recommendations to the Board.

November 1, 1971 The death of Richard L. Evans, Board member and member of the Council of the Twelve, Church of Jesus Christ of Latter-day Saints, left a large gap in the Board's Executive, Curriculum and Roles, and Faculty Workload and Tenure committes. His trusted counsel and wisdom had, from its very establishment, assisted the Board in making some of its most critical decisions.

November 6, 1971 Gov. Calvin L. Rampton appointed Elder Thomas S. Monson, L.D.S. Council of the Twelve member, to fill the Evans vacancy.

November 8, 1971 The special Committee on Governance began a series of six public hearings throughout the state, to give legislators, institutional council members, faculty, students, administrators and local citizens the opportunity to provide the Board with their opinions on how the present governance system is functioning. Others were held November 10, 17 and 24.

November 15-16, 1971 The Board conducted formal budget hearings. Each of the institutions presented their needs and adjustments in the prospective budget prepared by the Office of the Commissioner.

November 23, 1971 The Board adopted officially for recommendation to the 1972 Legislature a 1972–73 systemwide budget calling for a $58.6 million legislative appropriation. Some $57.2 million eventually was appropriated by the legislature.

The Board adopted a statewide policy for the use and disbursement of reimbursed overhead earned on research contracts. It provides for the use and disbursement of 25 percent of all indirect cost reimbursements from research and contract activities. "The remaining 75 percent shall be budgeted annually as Education and General Fund Revenue," the policy states. In implementing the new rules, the Board reserved the right to alter the percentages and authorized the Associate Commissioner for Business Affairs to perform annual examination of the accounts involved.

Weber State College President, William P. Miller, announced his intention to relinquish the presidency June 30, 1972. He was nearly 65 years of age, and president of Weber for 19 years. The Board indicated its desire that he continue as Professor of Education, until retirement.

December 4, 1971 The Legislative Planning Committee invited Chairman Peter W. Billings and Vice Chairman Donald B. Holbrook to report on the governance hearings. Rex G. Plowman, Budget and Finance Committee vice chairman, also reported for the Board's budget recommendations and new reimbursed overhead policy. Copies of the policy text were circulated to each of the members.

December 10, 1971 Board counsel presented arguments in Utah's Third District Court, seeking to restrain the State Board of Education from bringing the

constitutionality litigation to trial. The Extraordinary Writ of prohibition which they sought would have prevented action on the suit for two reasons. First, counsel argued that the State Board of Education, was adjudged to be malapportioned and thus could not seek to increase its powers beyond its normal functions. The lawsuit, according to the argument, was such an attempt. Secondly, counsel made the claim that nowhere in the constitution nor in the statutes of the state is the State Board of Education given the power to sue or be sued.

The court declined to grant the writ.

December 21, 1971 The Board outlined the policy it would use to appoint a new president for Weber State College to replace retiring President William P. Miller. The document included definitions of responsibility and methods which would be used in satisfying the statutory obligations involving consultation with the Weber Institutional Council.

January 10-29, 1972 The Commissioner of Higher Education and members of the Board met with the 1972 Legislature's Higher Education Sub-Committee of the Joint Appropriations Committee, to answer questions on the Board's 1972–73 budget recommendations.

The Board had recommended a total budget including a $58.6 million statewide appropriation. The Legislature eventually approved the recommendation for seven of the nine institutions, appropriating $57.2 million. Funds for the two universities were reduced.

In addition the Legislature appropriated $4.3 million to meet construction and other capital improvements needs at the institutions. The bulk of that amount went to fund a vocational building for the Utah Technical College at Salt Lake.

The Legislature also approved bonds for six projects suspended due to the constitutionality litigation. All bonding projects will require future prior authorization by the Legislature.

January 25, 1972 The Board consolidated all health care training programs into six separate clusters and sixteen sub-clusters to facilitate analysis, administrative consideration and eventual role assignments.

The Board initiated a study of direct costs of nonresident students in each institution with relationship to nonresident fees.

After preliminary investigation the Board requested the State Building Board to examine the Vocational Building at Dixie College to ascertain whether it should be condemned and razed as unsafe.

February 18, 1972 The Board created four coordinating committees in direct patient care, rehabilitative care, administrative services, and diagnostic services with respect to the related health occupations and to develop plans for possible cooperative programs.

The Board created an overall advisory planning committee to review total health care needs statewide and make recommendations to the Board on finance and priorities.

The Board upheld the University of Utah's combination of its Colleges of Mines and Mineral Industries and Engineering into a single administrative unit under its 45-day rule. The Board requested the University to report at periodic intervals the progress in carrying out the plan. The Board wishes to preserve the quality and strength of the school of mines and mineral industries required by law.

The Board authorized the College of Eastern Utah to explore formally the possibility of HUD financing and file application for funding of a student union building. No prior board authorization for any actual construction at any time was implied in the approval to explore.

The Board adopted a policy under wage-price guidelines that the overall increase for wages and salaries of present faculty and staff in any institution not exceed 5 percent, in total, over the amount spent during 1971–72. This did not limit to 5 percent increases for individual faculty and staff, but the total institutional expenditure increase for this purpose is 5 percent.

It was further recommended that employee benefits, other than mandatory increases in Social Security and unemployment insurance payments, not be increased in fiscal year 1972–73.

March 17, 1972 Judge Gordon R. Hall, Utah Third District Court, heard arguments on the case State Board of Education vs. State Board of Higher Education. The University of Utah and Utah State University were allowed to intervene and a schedule for the filing of memoranda in the move for a summary judgment was set.

March 28, 1972 The Board adopted a policy to make auxiliary enterprises on each of the campuses fully self-supporting by June 30, 1975.

The Board adopted policy governing the development of business programs at member institutions within the System. The University of Utah was given the exclusive role for future development of doctoral degrees in business administration. Existing Master of Business

Administration (M.B.A.) programs at the University of Utah and Utah State University were approved, subject to review.

Baccalaureate programs at U. of U., U.S.U. and Weber State College shall continue as they are presently constituted. Accreditation, and the roles in associate degree programs also were included in the action.

April 23-25, 1972 The Board held its third annual Higher Education Assembly in Park City. Nealy 100 prominent Utah civic leaders wrestled with the question, "to what extent should present and projected job availability be used in planning public higher education?" An overriding opinion prevailed that higher education curricula should not be tied solely to Utah employment opportunities. Manpower data and career orientation are important considerations, but they should not overshadow the entire spectrum of experience a higher education should provide.

Governor Calvin L. Rampton, who also addressed the delegates, followed the same kind of reasoning when he told the delegates, "Somehow we need to break down the traditional barrier between things academic and things vocational. We must develop a single, unified educational system which will serve the Utah economy — and the delicate fabric of our society."

April 25, 1972 The Board approved work programs submitted by seven of the nine system institutions.

On the basis of the recommendations of the ad hoc advisory committee on teacher education the Board adopted a comprehensive program designed to bring the number of teacher education graduates more in line with state and national needs. Specific role assignments at both graduate and undergraduate levels and a flexible quota system on the number of students prepared to teach by June 1973 were implemented.

The Board approved the transmittal of general guidelines for the preparation of a code of professional responsibility at each institution. The institutional codes are to be submitted to the Office of the Commissioner for transmittal to and review by the Board.

The Board heard President Alfred C. Emery report the University of Utah plans, under the 45-day rule, to merge the Departments of Speech and Journalism into a new Department of Communications.

The Board responded to a letter of Mr. R. LaMar Thayne, state director of Computer Services, with the recommendation that Utah State University accept the bid for the appropriate computer it

selects; meanwhile, the Board is investigating a centralized system. The action also provided that if the Burroughs lease were consumated, it could be cancelled within a year, without penalty, should interim studies indicate that to be desirable.

May 22, 1972 The Board's Special Committee on Governance met in Ogden to review with the institutional presidents the first draft of the Committee's report on governance. The deadline for additional input was set for June 15, and the Office of the Commissioner was asked to collate and assemble additional comments.

May 23, 1972 The Board designated William P. Miller President Emeritus of Weber State College and that he continue service at Weber State College thereafter as Professor of Education, beginning with the academic year 1972–73.

The Board appointed Dr. Joseph L. Bishop, Jr. to succeed Dr. William P. Miller as President of Weber State College, effective July 1, 1972.

The Board approved the participation of students from Utah Technical College at Provo in the Brigham Young University ROTC program, effective September 1972.

The Board determined the bid of Merrill Lynch, Pierce, Fenner and Smith and Associates of San Francisco, California, as the low and best bid received for the Utah Technical College at Salt Lake, College Center (at an interest rate of 5.77 percent), and the bonds were accordingly awarded to said bidder.

The Board requested each committee chairman and each institutional president to present any recommendations for legislation to be proposed to the 1973 Legislature to the Legislation and Litigation Committee no later than September 1 for study and report to the Board for appropriate action.

June 22, 1972 The Board authorized the Commissioner of Higher Education to sign, on behalf of the Board of Higher Education, the annual contract for fiscal year 1972–73 with the Veterans Administration, designating the Board as the state approving agency for the coordination of veterans' programs.

The Board authorized the College of Eastern Utah to transfer $22,000 from either its 1972–73 Maintenance and Operations account or part of the Alteration, Repairs and Improvement account, or a combination of the two, in order to complete the Maintenance Building as scheduled; and to request the Budget and Finance Com-

mittee to request a supplemental appropriation from the 1973 Legislature to restore the $22,000.

The Board authorized Utah State University to seek approval from the State Board of Examiners to sell, pursuant to State law, 70 acres of land located in Pleasant View, Utah.

The Board directed the Executive Committee to meet with University of Utah President Alfred C. Emery, on or before July 18, 1972, to discuss what action the Board should take with respect to his original intention to return to teaching beginning July 1, 1973.

Chairman Billings expressed the utmost confidence of the State Board of Higher Education in the performance of President Alfred C. Emery at the University of Utah.

June 30, 1972 Judge Gordon R. Hall handed down a memorandum decision in Utah's Third District Court, upholding the contention of the State Board of Education and finding the Higher Education Act of 1969 null and void. He also granted a stay of execution while the decision is on appeal to the Utah Supreme Court.

July 17, 1972 Utah Third District Court issued a formal judgment on Judge Hall's decision.

July 18, 1972 The Board approved two resolutions pertaining to the issuance of $1,145,000 Utah Technical College at Salt Lake Student Union Building Bonds of 1972.

The Board authorized Utah State University to increase its late registration fee from $5 to $10 for students registering after the first three days of registration and from $10 to $20 after the second week of registration.

The Board approved the awarding of Associate of Applied Science degree in appliance repair and in carpentry and construction technology at Snow College.

The Board adopted a list of social work occupations to be included in planning by the Graduate School of Social Work and to attach it to the minutes to clarify the resolution adopted at the June 27, 1972 meeting.

The Board approved the following resolution rather than to issue a blanket directive concerning shortening the time to the baccalaureate degree:

> RESOLVED, that all state institutions of higher education experiment with and encourage innovative off-campus work study, on-the-job training, individual guided study programs, all offer-

ing appropriate academic credit acceptable toward bachelor degree requirements. Such programs can contribute both toward better career training and more efficient use of campus facilities.

The Board accepted the schedule of capital facilities priorities for transmission to the Utah State Building Board as the recommendation of the State Board of Higher Education for joint consideration and consultation in the preparation by the Building Board of its recommendations to the Governor and the 1973 Legislature.

The Board revised the action of June 27, 1972, to authorize Utah Technical College at Provo to work with the State Building Board in leasing adequate and suitable space without specifying a particular building.

III. Academic Affairs

The following report includes Board actions and studies now in progress in the Office of the Commissioner. Reports from Statewide Educational Television, Vocational-Technical Education, and Veterans Approval Programs also are included.

Staff services to the Board's Curriculum, Roles, and Vocational-Technical Training Committee are assigned in the Office of the Commissioner to Dr. Leon R. McCarrey, associate commissioner and director of academic affairs.

Role and Curricular Studies

July 1, 1971 through June 30, 1972

Studies in Progress

1. In-depth analysis of programming in the area of Engineering with emphasis on the development of role assignments.
2. Master of Science degree in Materials Science and Engineering — University of Utah.[1]
3. Industrial Technology Department — Utah State University.[1]
4. Associate and Bachelor's degree programs in Civil Engineering Technology — Weber State College.[1]
5. Associate degree in Electronics Technology — Dixie College.[1]
6. Teaching major in Technical Electronics — Weber State College.[1]
7. Associate degree in Environmental Control Technology — Utah Technical College/Provo.[1]
8. Associate degree in Environmental Technology — Dixie College.[1]
9. Ph.D. in Applied Mathematics — Utah State University.
10. Bachelor's degree in Agri-Business — Utah State University.
11. School of Allied Health Sciences — Weber State College.
12. Dental Assistant program — Weber State College.
13. Bachelor's degree major in Child Development — Southern Utah State College.
14. Nursery Aide program — Dixie College.
15. Associate of Applied Science degree in Advertising and Graphic Technology — Utah Technical College/Provo.
16. Certificate and Associate of Applied Science degrees in Home Economics — Utah Technical College/Provo.
17. Certificate program in Flight Training — Utah Technical College/Provo.
18. Review of statewide policy regarding Advanced Placement, Col-

[1] Included in Engineering study listed above; not to be consumated until in-depth study is complete.

lege Level Examination Program, and Foreign Language examination Program, and Foreign Language examinations.

19. Master plan of educational programs — Utah Technical College/Provo.
20. Development of occupational clusters for vocational-technical programs.
21. Development of an articulation agreement between proprietary schools and member institutions of the Utah System of Higher Education.
22. Relationship between two two-year colleges (CEU and Snow) and the area vocational centers.
23. Relationship of the Institute of Technological Training at the University of Utah to the Utah Technical College/Salt Lake.
24. Off-campus Master of Business Administration programs — University of Utah and Utah State University.
25. Transfer of credits and the coordination of extension and non-credit programs in business.
26. Development in conjunction with the Governor's office, of an inservice minority awareness program for state employees.

Role Assignments

1. Associate of Applied Science degree in Coal Mining Technology — College of Eastern Utah.
2. Post-doctoral programs in health related fields — University of Utah (Exclusive).
3. Master's and doctoral programs in medicine — University of Utah (Exclusive).
4. Physician extension and substitute programs — University of Utah (Exclusive).
5. Baccalaureate and graduate degree nursing and pharmacy — University of Utah (Exclusive).
6. Technical Nursing Services — Weber State College.
7. Nursing Support Services — Utah Technical College/Salt Lake.
8. Respiratory Care Services — Weber State College.
9. Dental Auxiliary Services — Weber State College.
10. Social Services (Health) — Utah Technical College/Salt Lake.
11. Therapeutic Services (Health) — University of Utah.
12. Community Services (Health) — University of Utah.
13. Dietetic Services — Utah State University.
14. Baccalaureate Degree Public Health — Utah State University.

15. Patient Data Services — Weber State College.
16. Management Services (Health) — Weber State College.
17. Diagnostic Technician (Health) — Weber State College.
18. Doctoral degree programs in Business Administration — University of Utah (Exclusive).
19. Doctoral degree program in Business Education — Utah State University (Exclusive).
20. Southern Utah State College assigned to offer baccalaureate degrees in selected areas of business only, i.e., business education, business administration, and accounting. Additional areas of specialization are restricted as follows: economics, 30–36 quarter hours; marketing, 20–30 quarter hours; finance, 20–30 quarter hours; and management, 20–30 quarter hours.
21. University of Utah restricted from offering Associate of Science, Associate of Arts, or Associate of Applied Science degrees in business fields.
22. Doctoral programs in Educational Administration — University of Utah (Exclusive).
23. Doctoral programs in Educational Psychology — University of Utah (Exclusive).
24. Master's degree programs in Educational Psychology — University of Utah (Exclusive).
25. Doctoral program in Early Childhood Education — Utah State University (Exclusive).
26. Doctoral program in Elementary Education — Utah State University (Exclusive).
27. Doctoral program in Secondary Education — Utah State University (Exclusive).
28. Doctoral programs in Curriculum Development and Supervision — Utah State University (Exclusive).
29. Doctoral programs in Health, Physical Education and Recreation — University of Utah (Exclusive).
30. Master's degree program in Science Education — University of Utah (Exclusive).
31. Master's degree program in Home Economics Education — Utah State University (Exclusive).*
32. Master's and Doctoral programs in Vocational, Technical, and Industrial Education — Utah State University (Exclusive).

* A Masters degree program in Home Economics Education was discontinued at an earlier date at USU. This role designation indicates that if such a program is warranted at a future time within the State System, it should be assigned to USU.

33. Master's degree program in Agricultural Education — Utah State University (Exclusive).
34. Baccalaureate degrees in Agricultural Education — Utah State University (Exclusive).
35. Baccalaureate degrees in Distributive Education — Utah State University (Exclusive).
36. Baccalaureate degrees in Home Economics Education — Utah State University (Exclusive).
37. Fine Arts Dance Program — University of Utah (Exclusive).
38. Driver and Safety Education — Utah State University (Exclusive).
39. Secondary Education Majors in Latin — University of Utah (Exclusive).
40. Secondary Education Majors in Russian — University of Utah (Exclusive).

Proposed Programs Approved

1. Master of Agricultural Industires — Utah State University.
2. Associate of Applied Science degree in Manufacturing Technology — Weber State College.
3. Associate of Applied Science degree in Engineering Graphics — Weber State College.
4. MEDEX Training Program — University of Utah.
5. Baccalaureate minor in Earth Science — Southern Utah State College.
6. Associate of Applied Science degree in Radiologic Technology — Weber State College.
7. Associate of Applied Science degree in Auto-Parts Merchandising — College of Eastern Utah.
8. Associate of Applied Science degree in Agribusiness Technology — Snow College.
9. Young Farmer's Educational Program — Snow College.
10. Instructional Technology (consolidation of two existing programs in the Library and School of Education) — Weber State College.
11. Baccalaureate degree in University Studies — University of Utah.
12. Associate of Applied Science degree in Coal Mining Technology — College of Eastern Utah.
13. Master of Arts degree in Russian — University of Utah.

14. Certificate in Recreation Vehicle Repair — Utah Technical College/Salt Lake.
15. Baccalaureate major in Communications (consolidation of majors in Speech and Communications) — Weber State College.
16. Licensed Practical Nursing program — College of Eastern Utah.
17. Associate of Applied Science degree in Fashion Merchandising — Weber State College.
18. Associate of Applied Science degree in Child Development — Weber State College.
19. Associate of Applied Science degree in Interior Design — Weber State College.
20. Associate of Applied Science degree in Business Management with options in Business Management, Accounting, and Office Administration — Utah Technical College/Salt Lake.
21. Cooperative ROTC Program — Utah Technical College/Provo and Brigham Young University.
22. Cooperative Associate of Applied Science degree program in Radiologic Technology — Utah Technical College/Provo and Utah Valley Hospital.
23. Associate of Applied Science program in Food Service Technology — Weber State College.
24. Ph.D. program in Linguistics — University of Utah.
25. Bachelor of Science degree in Biology — Utah State University.
26. One year programs in Auto Body Repair and Auto Painting combined into a two year program in Auto Body Repair and Paint — Utah Technical College/Salt Lake.

Changes Changes in Academic Program*

1. The Department of Food and Nutrition in the College of Family Life and the Department of Food Science and Technology in the College of Agriculture — Combined into one department — Utah State University (November 1, 1971).
2. Utah Technical College/Provo authorized to award the Associate of Science degree (A.S.).
3. The area center designation for Utah State University merged with the designated Area Vocational Center at Smithfield.
4. Institutions within the System authorized to transfer or consolidate existing administrative units within institutions, or to elimi-

* Not intended to be exclusive of programs listed under sections "Proposed Programs Approved" and "Proposed Programs Disapproved or Discontinued."

nate such units, without formal action by the Board. No action is considered final until 45 days after report by the President to the Board of the intended change.

5. Administrative responsibility for Bureau of Indian Services, University of Utah, transferred to College of Social and Behavioral Sciences and Renamed the Center for American Indian Programs.
6. New procedures facilitating the gubernatorial approval of Institutional Training Grant Proposals were adopted.
7. Library Science program merged with the Educational Media program in the Department of Educational Administration to form a new division, Division of Instructional Systems and Learning Resources, University of Utah.
8. College of Engineering and College of Mines and Mineral Industries combined, University of Utah, under 45-day rule (see 4 above).
9. Coordinating Committees appointed in four allied health areas: direct patient care, rehabilitative care, administrative services, and diagostic services; consisting of representatives from institutions involved in programs falling within these respective areas.
10. Advisory planning committee for health care occupations appointed to review total statewide health care needs and to make recommendations regarding the needs, finances, and priorities in health care training programs.
11. Credit hours in the fields of accounting, shorthand, and typewriting authorized as follows:

    A. *Accounting*

        1. No credit to be allowed in any institution for accounting labs.
        2. All schools limited to a maximum of 12 quarter hours of credit for the first year's work in accounting.
        3. All schools limited to a maximum of 12 quarter hours of credit for the second year of accounting.[1]
        4. All two-year institutions limited to 32 credit hours of accounting, including 8 optional intermediate hours in addition to the above 24 hours, plus a nontransferable secretarial course, if such a course is desired.

[1] Intermediate accounting classes taken at the two-year colleges are *not* transferable as upper division credit to the four-year colleges and universities.

B. *Shorthand*

Those institutions which presently have programs limited to a maximum of 20 credit hours.

C. *Typewriting*

Those schools which presently have programs limited to a maximum of 15 credit hours.

12. Quotas in teacher education initiated (not to exceed 1,350 certificates per year from the four state-supported teacher education institutions by June of the 1973–74 academic year). The total number of graduates would not exceed the following institutional quotas:[2]

University of Utah	490
Utah State University	490
Weber State College	235
Southern Utah State College	135

13. The University and College Library Council (UCIC) was organized consisting of library directors and other professional librarians from the following libraries:

Brigham Young University Library
Dixie College Library
Southern Utah State College Library
University of Utah Libraries:
  Marriott Library
  Eccles Medical Sciences Library
Utah State University Library
Weber State College Library

The Library Council is a cooperative group designed to augment institutional library services to students and faculty members, and to facilitate the acquisition of research collections through shared financial support. Projects under consideration include:

Reciprocal borrowing privileges among cooperating libraries
Microfilmed card catalogs
Assistance in answering specialized queries
Better utilization of available acquisition dollars through avoidance of expensive duplicate-set purchases

Programs Disapproved or Discontinued

1. Associate of Science, Associate of Arts, and Certificate of Completion in Manufacturing Technology — Weber State College (July, 1971).

[2] Subject to periodic review.

2. Associate of Science, Associate of Arts, and Certificate of Completion in Engineering Graphics — Weber State College (July, 1971).
3. Ph.D. in Food and Nutrition — Utah State University (November 1, 1971).
4. Master of Science in Home Economics Education — Utah State University (November 1, 1971).
5. Master of Science in Household Economics and Management — Utah State University (November 1, 1971).
6. Master of Arts degree in Journalism — Utah State University (September 1, 1971).
7. Master of Science in Environmental Planning (M.S.E.P.) — Utah State University (September 1, 1971).
8. Master of Arts, Master of Science, and Master of Theatre Arts in Speech and Theatre Arts — Utah State University (November 1, 1971).
9. Evening program in Barbering — Utah Technical College/Salt Lake (phase out during 1971–72).
10. Associate of Science degree in Radiologic Technology — Weber State College (September of 1972).
11. Doctoral programs in Educational Administration — Utah State University (June, 1972).
12. Doctoral programs in Educational Psychology — Utah State University (June, 1972).
13. Master's degree programs in Educational Psychology — Utah State University (June, 1972).
14. Doctoral program in Elementary Education — University of Utah.
15. Doctoral program in Secondary Education — University of Utah.
16. Doctoral program in Curriculum Development and Supervision — University of Utah.
17. Doctoral programs in Health, Physical Education and Recreation — Utah State University.
18. Master's degree programs in Home Economics Education — University of Utah.
19. Baccalaureate degrees in Home Economics Education — University of Utah.

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* Date in parentheses indicates time of program disapproval or discontinuation.

20. Teacher certification programs in Journalism — University of Utah, Utah State University, Weber State College, Southern Utah State College.
21. Associate of Science and Associate of Arts programs in Distributive Education — Weber State College (April 25, 1972).
22. Master of Arts in Music — University of Utah (May 23, 1972).
23. Master of Science in Psychiatry — University of Utah (May 23, 1972).
24. Certificate in Recreation Vehicle Repair — Utah Technical College/Provo (January 25, 1972).
25. Baccalaureate major in Business Education/Distributive Education — Southern Utah State College (May 23, 1972).
26. Baccalaureate major in Economics — Southern Utah State College (May 23, 1972).
27. Baccalaureate minor in Computer Science — Southern Utah State College (May 23, 1972).
28. Associate of Applied Science degree program in Food Service Technology — Utah Technical College/Provo (June 27, 1972).
29. Doctor of Philosophy degree in Ecology, Utah State University (June, 1972).
30. Master of Music (M.M.) degree in Music, Utah State University (June, 1972).
31. Ed.D. in Industrial and Technical Education, Utah State University (June, 1972).
32. M.S. and M.E. degrees in Manufacturing Engineering, Utah State University (June, 1972).
33. M.S., M.E., and Ph.D. in Agricultural and Irrigation Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, Utah State University (June, 1972). — To be replaced by M.S., M.E., and Ph.D. programs in Engineering with respective areas of emphasis as listed above.
34. M.S. in Accounting, Utah State University (June, 1972).
35. One year certificate in Auto Body Repair and Painting (Extend Day), Utah Technical College/Salt Lake (June, 1972).
36. One year certificate in Auto Body Repair, Utah Technical College/Salt Lake (June, 1972).
37. One year certificate in Auto Painting, Utah Technical College/Salt Lake (June, 1972).

38. Educational Specialist degrees in Educational Administration — Utah State University.*
39. Educational Specialist and doctoral degrees in Educational Media — Utah State University and University of Utah.*

Veterans Approval Program, 1971–72

To enable persons who have served with the United States Armed Forces to further their education, Congress has authorized benefits to eligible veterans attending an approved school.

The Office of the Commissioner serves as the State Approving Agency under contract with the Veterans Administration. Dr. Sterling R. Provost administers the program as the Coordinator of Veterans and Vocational-Technical Affairs.

During 1971–72, 90 Utah institutions currently were thus operating under Title 38, Chapters 34–36, United States Code. These include members of the Utah System of Higher Education, private college and university campuses, private two-year business colleges, secondary schools, medical-related training institutions, cosmetology and barber schools, and trade-technical schools. Offered are a variety of both academic and vocational-technical program which provide a broad spectrum of education and training:

STATE UNIVERSITIES AND COLLEGES:
College of Eastern Utah, Price
Dixie Junior College, St. George
Snow Junior College, Ephraim
Southern Utah State College, Cedar City
University of Utah, Salt Lake City
Utah State University, Logan
Weber State College, Ogden
Utah Technical Colleges, Salt Lake and Provo

PRIVATE UNIVERSITIES AND COLLEGES:
Brigham Young University, Provo
Westminster College, Salt Lake

BUSINESS SCHOOLS:
L.D.S. Business College, Salt Lake
Stevens Henager College, Salt Lake and Ogden

HOSPITAL, MEDICAL AND NURSING TRAINING:
Holy Cross Hospital, Salt Lake
L.D.S. Hospital, Salt Lake
McKay-Dee Hospital Center, Ogden
Primary Children's Hospital, Salt Lake
Shriner's Hospital, Salt Lake

* These programs had not been developed at the time other doctoral programs in education were considered. The Board recommended that such programs not be developed.

St. Benedict's Hospital, Ogden
St. Mark's Hospital, Salt Lake
University Medical Center (University of Utah), Salt Lake
Utah Medex Project, Salt Lake
Utah State Hospital, Provo
Utah Valley L.D.S. Hospital, Provo
Veterans Administration Hospital, Salt Lake

AVIATION SCHOOLS:

Airstream Western, Logan
Basin Flying Service, Vernal
Central Utah Aviation Flying Service, Provo
Intermountain Flight Center, Ogden
Interwest Aviation, Inc.
  Air Utah, Salt Lake
  Ogden
  Provo
  Salt Lake City
Thompson Flying Service, Salt Lake
Transwest Flight School, Salt Lake
Valley Airmotive, Logan

TRADE AND TECHNICAL SCHOOLS:

Job Corps Center, Clearfield
Ron Bailie School of Broadcasting, Salt Lake
Electronic Computer Programming Institute of Utah, Salt Lake
Radio Institute, Inc., Salt Lake
Sales Training, Inc., Salt Lake
Technical Engineering Institute, Salt Lake
Western American Trade College, Ogden
Western Region Indian Alcoholism Training Center (University of Utah), Salt Lake

COSMETOLOGY, BARBER, AND HAIRDRESSING SCHOOLS:

Cameo College of Beauty, Salt Lake
Continental College of Beauty, Salt Lake
Darrell's College of Beauty, Salt Lake
  Tooele
  Orem
  Kearns
Excelcis Beauty College, Salt Lake
Hollywood College of Beauty, Layton, Murray, Ogden, Provo, Salt Lake
International Institute of Hair Design, Salt Lake and Bountiful
Mary's College of Beauty, Provo
Paintere's College of Beauty, Roy
Robert Steur College of Beauty, Salt Lake and Ogden
Salt Lake Barber College, Salt Lake City
Utah Barber College, Salt Lake

ADULT PUBLIC SCHOOL PROGRAMS:

Alpine School District, American Fork
Box Elder School District, Brigham City
Bridgerland Area Vocational Center, Smithfield
Carbon County School District, Price
Davis County School District, Farmington
Duchesne School District, Duchesne
Grand County School District, Moab
Granite School District, Salt Lake

Iron County School District, Cedar City
Jordan School District, Sandy
Moab Area Vocational Center, Moab
Nebo County School District, Spanish Fork
Provo School District, Provo
Salt Lake City School District, Salt Lake
San Juan School District, Monticello
Sevier Valley School District, Richfield
Sevier Valley Technical Institute, Richfield
Uintah Basin Area Vocational Center, Roosevelt
Weber County School District, Ogden

Cooperation with WICHE, 1971–72

The Student Exchange Program administered through the Western Interstate Commission for Higher Education (WICHE) assists Utah students in obtaining professional training in dentistry and veterinary medicine. Utah receives students in medicine under the interstate compact. Students who are certified pay the same fees as if they were residents of the receiving state. Past appropriations have provided for five entering freshmen each year in veterinary medicine and dentistry . Continuing students receive the same assistance provided they maintain a satisfactory record.

In 1971–72 there were 16 Utah students in the veterinary medicine program and 10 in the dentistry program. A total of $52,800 was paid in compact fees for these students and $15,000 was paid as Utah's annual membership fee. The University of Utah received 35 medical students in 1971–72 with compact fees of $104,000.

Statewide Educational Television

Development of a "single, coordinated statewide system of educational television" include the following:

1. Acquisition and installation, with the help of a federal educational television facilities grant, of color cameras in the KUED studios enabling the station to originate programming in color.

2. Substantial improvements of picture quality and signal reliability in additional Utah communities as part of the three-year program of upgrading the statewide translator system which relays the KUED signal throughout the state.

3. Construction underway at year's end for move of the Ogden terminal of the leased microwave system from Weber County High School to Weber State College. This will enable Weber College to participate fully in the on-going exchange of instructional television offerings among the state inter-connected institutions — the Univer-

sity of Utah, Utah State University and with Brigham Young University through its privately owned system.

4. Planning and implementation of several innovative new uses of the statewide television system:

— Normalization of USU Extension Division's "electronic" statewide staff and training sessions. Presentations are transmitted from USU TV studios via microwave to KUED which relays via TV the material to regional and county gatherings of extension workers throughout the state. Live voice interaction follows among workers using telephone circuits, two-way loudspeaker and microphone equipment.

— USU use of same arrangement for an emergency program to assist ranchers in dealing with the helogeton poisonous weed crisis in which thousands of Utah sheep were killed.

— Use of system by Engineering Council of Utah to relay major portion of their annual convention to members gathered on four campuses, thus overcoming the space problems and greatly reducing travel, per diem and other costs formerly incurred in single location conventions.

— Delivery of the National Public Radio network service to USU's FM radio station using audio channel of microwave system thus avoiding cost of leasing separate hard-line circuit to Logan. Weber State College's student training station is to be connected to NPR service.

— Planning in progress to possibly interconnect major hospitals for electronic diagnosis experiments, shared use of training and professional development programs for hospital personnel; possible shared use of computers, for a multi-campus physics symposium in which renowned scientists lecturing at one campus could be heard and seen by students and faculties on other inter-connected campuses.

5. Procurement of modest federal allocation to complete a badly needed traffic control and switching center at the University of Utah. It is needed to simplify and make reliable the diverse and complex programs now being carried on the microwive and statewide TV system.

6. Work underway on a series of short films portraying study and career options open at the two-year colleges; to be shown on KUED, in counseling-guidance programs of high schools, and other agencies involved in Manpower programs.

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I. Planning and Capital Facilities

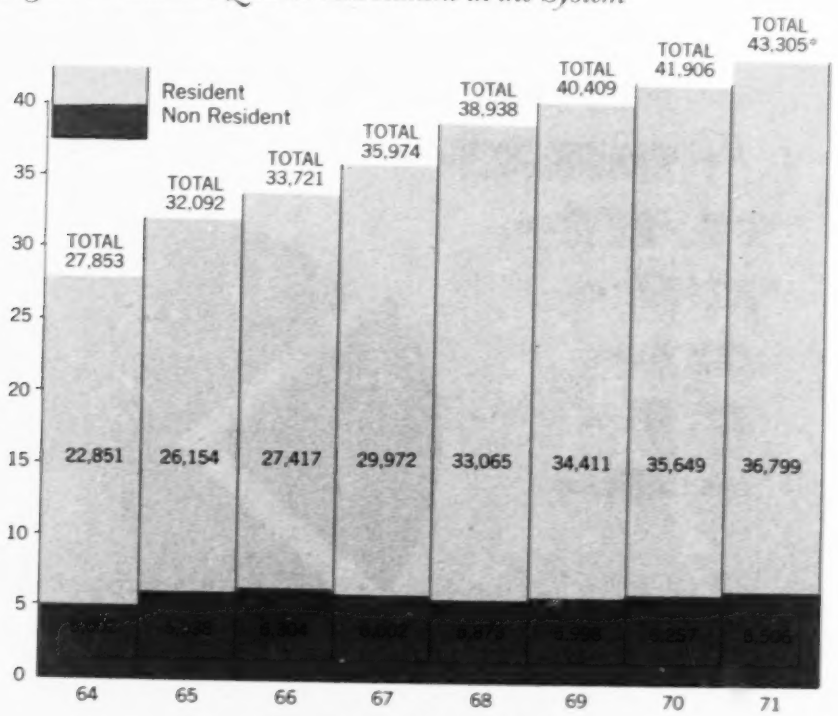
Key Issue

The future number, size, type and location of post-secondary institutions became the key planning issue for the State Board of Higher Education in 1971–72, as the Office of the Commissioner of Higher Education with refined enrollment projection methods began to view Utah's higher education future a bit more clearly.

The leveling enrollment trend, forecast for the mid 1970s, came closer to the predicted standstill, as Utah's public institutions experienced the smallest yearly enrollment increase in more than a decade.

The nine-institution Utah System of Higher Education enrolled 43,305 full-time, day head count students Autumn Quarter 1971. This was 1,399 more students than the previous year. (See Figure 1)

Figure 1. Autumn Quarter Enrollment in the System



Utah System of Higher Education
Autumn Quarter Enrollment Day Head Count
Years 1964-65 through 1971-72

SOURCE: USHE Annual Enrollment Analysis, 1964-65 through 1971-72
*estimated from extended day reports for growth comparison only.

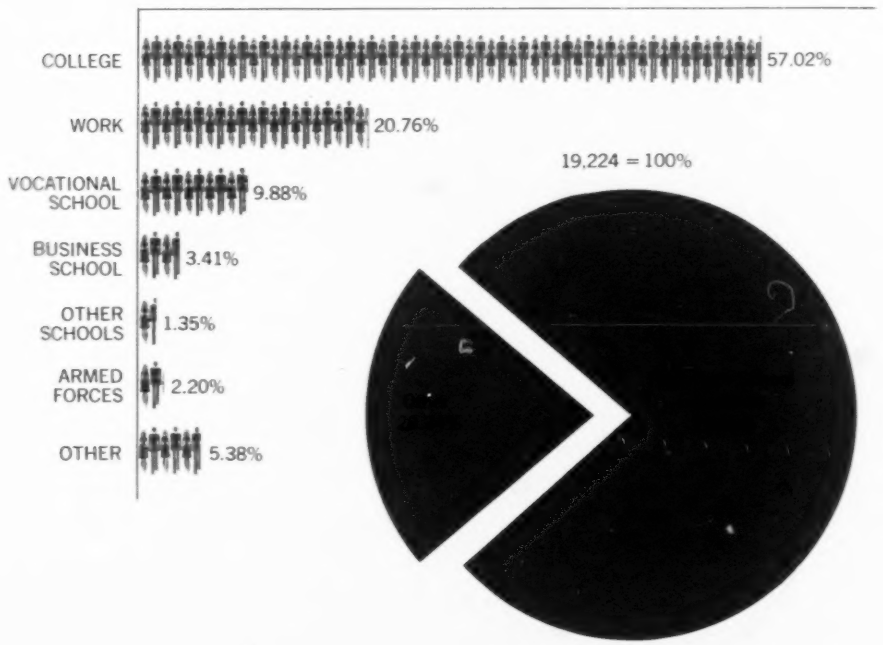
High School Intentions

A survey among high school graduates in the spring of 1972 reinforced previous projections that 1972–73 enrollments would remain nearly static. Of the 19,244 Utah high school graduates, only 66 more than the year before, 18,776 (72 percent) said they would seek some form of post-high school training. Only 57 percent said they would be going on to college. (See Figure 2)

In previous years as many as 84 percent of the graduates had indicated post-secondary interest with 70 percent saying they would attend college.

Figure 2. Intentions of Utah's School Graduates, Spring 1972

(Total of 19,224 High School Graduates = 100%)



UTAH STATE BOARD OF EDUCATION
Division of Auxiliary Services
1400 University Club Building / Salt Lake City, Utah
September, 1972

Preliminary enrollment reports for Autumn 1972 show that System enrollment decreased approximately 2 percent. Every institution with the exception of the two Utah Technical Colleges reported slight decreases from the previous year.

The prospect of static or even decreasing enrollments made finances and vitality of the smaller institutions the Board's primary planning concern.

Utilization of present campus facilities has to be considered in view of the projected enrollment picture. In setting its capital facilities construction priorities this year, the Board gave first priority consideration to maintenance and repair of existing facilities.

At the same time, the Board began a review of each institution's facilities to see how each would be able to withstand adverse enrollment situations which might arise.

Some buildings appear to be somewhat underutilized. This may be in part due to their age, condition, or to the fact that there are new and better facilities. Increasingly, the dependence on and significance of the State Building Board's legally required space utilization studies became apparent.

Renovation may help some institutions accommodate their needs, but some new buildings may need to be considered as higher education changes.

The following tables contain detailed planning and capital facilities data collected by the Office of the Commissioner.

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TABLE 1

Utah System of Higher Education

Autumn Quarter Enrollments, Day Head Count and FTE, Ten-Year Period, 1963-64 Through 1970-71, 1971-72 and 1972-73 Extended Day With Projections To Autumn Quarter 1976-77

Year	Resident	%	Nonresident	%	Head Count	Amount	%	FTE
1963-64	20,006	81.4	4,561	18.6	24,567	2,150	9.6	23,573
1964-65	22,851	82.2	5,002	18.0	27,853	3,286	13.4	27,604
1965-66	26,154	81.5	5,938	18.5	32,092	4,239	15.2	31,295
1966-67	27,417	81.3	6,304	18.7	33,721	1,629	5.1	32,893
1967-68	29,972	83.3	6,002	16.7	35,974	2,253	6.7	34,989
1968-69	33,065	84.9	5,873	15.1	38,938	2,964	8.2	36,834
1969-70	34,411	86.2	5,998	13.8	40,409	1,471	3.8	37,446
1970-71	35,649	85.1	6,257	14.9	41,906	1,497	3.7	38,511
Extended Day								
1971-72	43,085	86.4	6,785	13.6	49,870	N/A	—	43,710
1972-73	41,763	85.4	7,138	14.6	48,901	-969	-1.9	43,471
Projections								
1973-74	41,310	85.5	7,000	14.5	48,310	-591	-1.2	43,060
1974-75	41,380	85.5	7,020	14.5	48,400	90	.2	43,080
1975-76	41,730	85.5	7,070	14.5	48,800	400	.8	43,455
1976-77	42,100	85.5	7,125	14.5	49,225	425	.9	43,900

Source: USBH - 1972-73 Operating Budget Recommendations
USHE- Autumn Enrollment Report 1971-72, 1972-73
Projections from the Office of the Commissioner

*[a]For University of Utah, Utah State University, and the Technical Colleges at Provo and Salt Lake.

TABLE 2

Utah System of Higher Education

Institutional Enrollments, With Resident, Nonresident Percentages
Autumn Quarter, Day Head Count, 1962-63 Through 1971-72[a]

Institution	1962-63		1963-64		1964-65		1965-66	
U of U								
Resident	8,592	82.9	9,210	83.2	10,364	84.3	11,579	83.6
Nonresident	1,771	17.1	1,857	16.8	1,928	15.7	2,275	16.4
Total	10,363		11,067		12,292		13,854	
USU								
Resident	3,965	68.1	4,350	68.7	4,644	67.1	5,250	67.0
Nonresident	1,857	31.9	1,984	31.3	2,272	32.9	2,587	33.0
Total	5,822		6,334		6,916		7,837	
WSC								
Resident	2,594	92.6	3,065	91.0	3,914	93.8	4,640	93.7
Nonresident	208	7.4	303	9.0	258	6.2	314	6.3
Total	2,802		3,368		4,177		4,954	
SUSC								
Resident	814	87.0	889	88.5	1,093	86.4	1,395	85.3
Nonresident	121	13.0	115	11.5	172	13.6	240	14.7
Total	935		1,004		1,265		1,635	
Snow								
Resident	401	88.9	393	89.7	520	92.4	704	90.1
Nonresident	50	11.1	45	10.3	43	7.6	77	9.9
Total	451		438		563		781	
Dixie								
Resident	255	65.6	296	76.5	434	76.8	604	69.3
Nonresident	134	34.4	91	23.5	131	23.2	268	30.7
Total	389		387		565		872	
CEU								
Resident	400	89.7	504	91.3	496	92.7	532	91.9
Nonresident	46	10.3	48	8.7	39	7.3	47	8.1
Total	446		552		535		579	
UTC/P								
Resident	498	96.3	588	93.9	629	89.1	646	89.1
Nonresident	19	3.7	38	6.1	77	10.9	79	10.9
Total	517		626		706		725	
UTC/SL								
Resident	659	95.2	711	89.9	757	90.2	804	94.0
Nonresident	33	4.8	80	10.1	82	9.8	51	6.0
Total	692		791		839		855	
USHE								
Resident	18,178	81.0	20,906	81.4	22,851	82.0	26,154	81.5
Nonresident	4,239	19.0	4,561	18.6	5,002	18.0	5,938	18.5
Total	22,417		24,567		27,853		32,092	
BYU								
Resident	4,274	34.5	4,784	33.6	5,477	33.3	6,480	34.2
Nonresident	8,125	65.5	9,452	66.4	10,976	66.7	12,325	65.8
Total	12,399		14,236		16,453		18,725	
Westminster								
Resident	262	60.1	277	63.1	282	62.3	377	65.8
Nonresident	174	39.9	162	36.9	171	37.7	196	34.2
Total	436		439		453		573	
State Total								
Resident	22,714	64.4	25,967	63.7	28,610	63.8	32,931	64.1
Nonresident	12,538	35.6	14,790	36.3	16,260	36.2	18,459	35.9
Total	35,252		38,353		44,870		51,390	

[a]Extended Day enrollments are reported in 1971-72 for University of Utah, Weber State College, Utah Technical Colleges at Provo and Salt Lake.

Extended Day

1966-67		1967-68		1968-69		1969-70		1970-71		1971-72[a]	
12,120	84.3	12,813	84.9	13,688	84.3	14,612	84.0	15,098	83.3	18,013	84.3
2,249	15.7	2,280	15.1	2,542	15.7	2,783	16.0	3,029	16.7	3,345	15.7
14,369		15,093		16,230		17,395		18,127		21,358	
5,101	63.2	5,720	67.8	6,490	73.5	6,408	75.0	6,526	76.5	6,225	70.4
2,975	36.8	2,715	32.2	2,310	26.5	2,130	25.0	2,006	23.5	2,617	29.6
8,076		8,435		8,713		8,538		8,532		8,842	
5,206	93.6	5,864	92.4	6,615	95.6	6,827	95.2	7,212	95.1	8,395	95.3
354	6.4	358	5.8	307	4.4	342	4.8	371	4.9	406	4.7
5,560		6,222		6,922		7,169		7,583		8,801	
1,475	88.3	1,557	89.4	1,602	90.7	1,501	87.5	1,720	86.9	1,508	80.9
195	11.7	184	10.6	164	9.3	215	12.5	259	13.1	356	19.1
1,670		1,741		1,766		1,716		1,979		1,864	
641	90.4	747	90.6	866	89.8	712	91.4	727	89.8	697	88.6
68	9.6	77	9.4	98	10.2	67	8.6	83	10.2	89	11.4
709		824		964		779		810		786	
698	70.6	674	72.2	796	72.6	845	72.7	865	70.6	829	73.4
294	29.6	259	27.8	300	27.4	317	27.3	361	29.4	300	26.6
992		933		1,096		1,162		1,226		1,129	
515	92.0	572	93.2	664	95.7	650	94.9	586	91.8	511	91.9
45	8.0	42	6.8	30	4.3	35	5.1	52	8.2	45	8.1
560		614		694		685		638		556	
705	91.1	811	94.8	838	90.9	1,081	94.2	1,166	94.4	2,231	95.5
69	8.9	44	5.2	87	9.1	66	5.8	69	5.6	105	4.5
774		855		930		1,147		1,235		2,336	
956	94.6	1,214	96.6	1,516	97.6	1,775	97.6	1,749	98.5	4,190	99.5
55	5.4	43	3.6	40	2.4	43	2.4	27	1.5	18	.5
1,011		1,257		1,556		1,818		1,776		4,198	
27,417	81.3	29,972	83.3	33,065	84.9	64,411	86.2	35,649	85.1	42,589	85.4
6,304	18.7	6,002	16.7	5,873	15.1	5,998	13.8	6,257	14.9	7,281	14.6
33,721		35,974		38,938		40,409		41,906		49,870	
6,736	33.6	6,783	33.3	7,453	33.4	8,230	34.1	8,543	34.1	8,020	31.9
13,292	66.4	13,592	66.7	14,851	66.6	15,914	65.9	16,479	65.9	17,096	68.1
20,028		20,375		22,304		24,144		25,021		25,116	
437	66.5	615	77.6	661	73.6	596	71.5	669	72.9	496	61.0
220	33.5	178	22.4	237	26.4	237	28.5	226	27.1	317	39.0
657		793		898		833		835		813	
24,580	63.6	27,370	65.4	41,179	66.3	43,237	66.1	44,021	66.1	51,105	67.4
19,816	36.4	19,772	34.6	20,961	33.7	22,149	33.9	22,961	33.9	24,694	32.6
54,436		57,142		62,140		65,386		67,982		75,799	

Sources: U.S.H.E. Annual Enrollment Analysis 1969-70 – 1971-72
C.C.H.E. Legislative Budget Recommendations 1962-63 through 1969-69.

TABLE 3
Utah System of Higher Education

Enrollment Projections, Autumn Quarter, By Institution, 1972-73 Through 1976-77

	1972-73	1973-74	1974-75	1975-76	1976-77
U of U[1]					
Resident	17,193	16,900	17,050	17,225	17,375
Nonresident	3,682	3,600	3,650	3,675	3,700
Total	20,875	20,500	20,700	20,900	21,075
USU					
Resident	6,703	6,675	6,600	6,600	6,600
Nonresident	2,043	2,025	2,000	2,000	2,025
Total	8,746	8,700	8,600	8,600	8,625
WSC[1]					
Resident	7,617	7,350	7,200	7,200	7,225
Nonresident	525	500	500	500	500
Total	8,142	7,850	7,700	7,700	7,725
SUSC					
Resident	1,438	1,385	1,365	1,385	1,405
Nonresident	328	315	310	315	320
Total	1,766	1,700	1,675	1,700	1,725
Snow					
Resident	586	530	490	465	465
Nonresident	74	70	60	60	60
Total	660	600	550	525	525
Dixie					
Resident	859	850	850	865	890
Nonresident	257	250	250	260	260
Total	1,116	1,100	1,100	1,125	1,150
CEU					
Resident	534	515	480	480	505
Nonresident	21	20	20	20	20
Total	555	535	500	500	525
UTC/Provo[1]					
Resident	2,558	2,775	2,940	3,030	3,105
Nonresident	142	150	160	170	170
Total	2,700	2,925	3,100	3,200	3,275
UTC/Salt Lake[1]					
Resident	4,275	4,330	4,405	4,480	4,530
Nonresident	66	70	70	70	70
Total	4,341	4,400	4,475	4,550	4,600
USHE					
Resident	41,763	41,310	41,380	41,730	42,100
Nonresident	7,138	7,000	7,020	7,070	7,125
Total	48,910	48,310	48,400	48,800	49,225

Source: USHE Office of the Commissioner, November, 1972.

[1]Extended Day.

TABLE 4
Utah System of Higher Education

Institutional Enrollment, Autumn Term FTE,* 1963-64 Through 1971-72

	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72[a]
U of U	10,366	11,703	12,499	13,186	13,753	14,514	15,448	15,991	19,732
USU	6,189	7,085	7,822	8,125	8,485	8,404	8,112	7,985	8,504
WSC	3,027	4,106	5,303	5,657	6,320	6,754	6,827	7,075	7,021
SUSC	1,018	1,281	1,616	1,642	1,684	1,709	1,656	1,858	1,811
Snow	458	582	788	728	851	989	792	824	785
Dixie	381	555	867	995	919	1,098	1,122	1,155	1,062
CEU	550	576	622	576	629	685	667	647	541
UTC/P	591	699	751	770	927	981	1,029	1,243	1,709
UTC/SL	993	1,017	1,027	1,214	1,421	1,700	1,793	1,733	2,545
Total USHE	23,573	27,604	31,295	32,893	34,989	36,834	37,446	38,511	43,710

*Full Time Equivalent Students
45 Credit hours for undergraduate students
36 Credit hours for graduate students through 1970-71. Beginning in 1971-72, 30 Credit hours for graduate students.

Source: U.S.H.E. Annual Enrollment Analysis 1969-70 – 1971-72
C.C.H.E. Annual Enrollment Analysis 1961-62 through 1968-69

Projection: U.S.H.E. Office of the Commissioner

(a) Beginning 1971-72 University of Utah, Weber State College, Utah Technical Colleges at Provo and Salt Lake enrollments are extended day.

TABLE 5

Utah System of Higher Education

Comparison of 1970 and 1971 Autumn Term Day Only Headcount Enrollments, By Level

	Entering Freshmen			Advanced Freshmen			Sophomore			Junior			Senior			Graduates[a] and/or Un-Classified			Total		
	1970	1971	%	1970	1971	%	1970	1971	%	1970	1971	%	1970	1971	%	1970	1971	%	1970	1971	%
U of U																					
Res	3,246	3,078	-5.2	1,923	2,214	15.1	2,768	3,033	9.6	2,348	2,526	7.6	2,414	2,507	3.9	2,610*	2,698	3.4	15,309*	16,056	4.9
Nonres	546	575	5.3	292	265	-9.2	475	587	23.6	379	361	-4.7	337	359	6.5	1,062	1,074	1.1	3,091	3,221	4.2
Total	3,792	3,653	-3.7	2,215	2,479	11.9	3,243	3,620	11.6	2,727	2,887	5.9	2,751	2,866	4.2	3,672	3,772	2.7	18,400	19,277	4.8
																				*includes med. students	
USU																					
Res	1,476	1,561	5.8	524	648	23.9	1,138	1,093	-3.9	1,137	1,126	-.1	1,381	1,297	-6.1	870	1,166	34.3	6,526	6,894	5.6
Nonres	435	592	36.1	118	196	66.3	360	345	-1.4	359	277	-22.8	289	268	-7.3	455	219	-51.9	2,006	1,896	-5.5
Total	1,911	2,153	12.7	642	844	31.5	1,488	1,438	-3.4	1,496	1,403	-6.2	1,670	1,565	-6.3	1,325	1,387	4.7	8,532	8,790	3.0
WSC																					
Res	1,689	1,608	-4.8	1,557	1,427	-8.3	1,509	1,442	-4.4	1,186	1,153	-2.8	1,071	948	-11.5	83	81	-2.4	7,095	6,659	-6.1
Nonres	113	116	2.6	58	68	17.2	85	100	17.6	68	85	25.0	85	69	-18.8	0	3	–	409	441	7.8
Total	1,802	1,724	-4.3	1,615	1,495	-7.4	1,594	1,542	-3.3	1,254	1,238	-1.3	1,156	1,017	-12.0	83	84	1.2	7,504	7,100	-5.4
SUSC																					
Res	521	421	-19.2	215	184	-14.4	309	364	14.6	295	259	-12.2	335	283	-15.5	23	–	–	1,698	1,501	-11.6
Nonres	109	161	47.7	40	45	12.5	46	74	60.9	39	48	23.1	25	27	8.0	1	–	–	260	355	36.5
Total	630	582	-7.6	255	229	-10.2	355	438	20.6	334	307	-8.1	360	310	-13.9	24	–	–	1,958	1,856	-5.2
Snow																					
Res	430	413	-4.0	66	49	-25.8	222	228	2.7							5	7	40.0	723	697	-3.6
Nonres	56	58	3.6	8	7	-12.5	21	24	14.3							–	–	–	85	89	4.7
Total	486	471	-3.1	74	56	-24.3	243	252	3.7							5	7	40.0	808	786	-2.7
Dixie																					
Res	490	446	-9.0	129	114	-11.6	213	242	13.6							22	31	41.0	854	833	-2.4
Nonres	219	152	-30.6	57	49	-14.0	95	109	14.7							1	2	100.0	372	312	-16.1
Total	709	598	-15.7	186	163	-12.4	308	351	14.0							23	33	43.5	1,226	1,145	-6.6
CEU																					
Res	289	243	-15.9	86	52	-39.5	218	211	-3.2										593	506	-14.7
Nonres	24	18	-25.0	21	8	-61.9	7	23	228.6										52	49	-5.7
Total	313	261	-16.6	107	60	-43.9	225	234	4.0										645	555	14.0

UTC-Provo																				
Res	779	818	5.0	247	296	19.4	237	308	30.0									1,263	1,421	12.5
Nonres	53	72	35.8	5	15	200.0	11	23	109.1									69	110	59.4
Total	832	890	6.9	252	310	23.0	248	331	33.5									1,332	1,531	14.9
UTC-SL																				
Res	1,062	1,379	29.8	355	422	18.9	275	279	1.5							–	152	–	1,692	2,232	31.9
Nonres	14	26	85.7	5	2	-60.0	7	3	-57.1							–	2	–	26	33	26.9
Total	1,076	1,405	30.6	360	424	17.8	282	282	–							–	154	–	1,718	2,265	31.8
USHE Total																				
Res	9,882	9,967	.2	5,102	5,406	4.6	6,869	7,190	4.4	4,966	5,064	2.0	5,201	5,035	-3.2	3,613	4,137	4.5	35,753	36,799	2.9
Nonres	1,569	1,770	12.8	604	654	8.3	1,097	1,288	17.4	845	771	-8.8	736	723	-1.8	1,519	1,300	-14.4	6,370	6,506	2.1
Total	11,551	11,737	1.6	5,706	6,060	6.2	7,986	8,478	6.2	5,811	5,835	.4	5,937	5,758	-3.0	5,132	5,437	5.9	42,123	43,305	2.8
B.Y.U.																				
Res	1,496	1,271	-15.0	803	847	5.5	1,789	1,684	-5.9	1,770	1,557	-12.0	1,682	1,635	-2.8	1,004	1,026	2.3	8,543	8,020	-6.1
Nonres	2,886	2,791	-3.3	1,281	1,900	48.3	3,643	3,625	-.5	3,890	3,700	-4.8	3,400	3,617	6.4	1,376	1,463	6.3	16,476	17,096	3.8
Total	4,381	4,062	-7.3	2,084	2,747	31.8	5,432	5,309	-2.3	5,660	5,257	-7.2	5,082	5,252	-3.3	2,380	2,489	4.6	25,019	25,116	.4
Westminster																				
Res	181	113	-37.6	28	13	-53.6	146	156	6.8	121	128	5.8	118	129	9.3	15	15	–	609	554	-9.0
Nonres	74	83	12.2	4	14	250.0	74	63	-14.9	39	57	46.2	33	39	18.2	2	3	50	226	259	14.6
Total	255	196	-23.1	32	27	-15.6	220	219	-.5	160	185	15.6	151	168	11.6	17	18	5.9	835	813	-2.6
State Total																				
Res	11,559	11,351	-2.6	5,933	6,266	5.6	8,824	9,030	2.3	6,857	6,749	-1.6	7,001	6,799	-2.8	4,632	5,178	11.8	44,905	45,373	1.0
Nonres	4,529	4,644	2.6	1,889	2,568	35.9	4,814	4,976	3.4	4,774	4,528	-5.2	4,169	4,379	5.0	2,897	2,766	-4.5	23,072	23,861	3.4
Total	16,187	15,995	-1.2	7,822	8,834	12.9	13,638	14,006	2.7	11,631	11,277	-3.0	11,170	11,178	.1	7,529	7,944	5.5	67,977	69,234	1.8

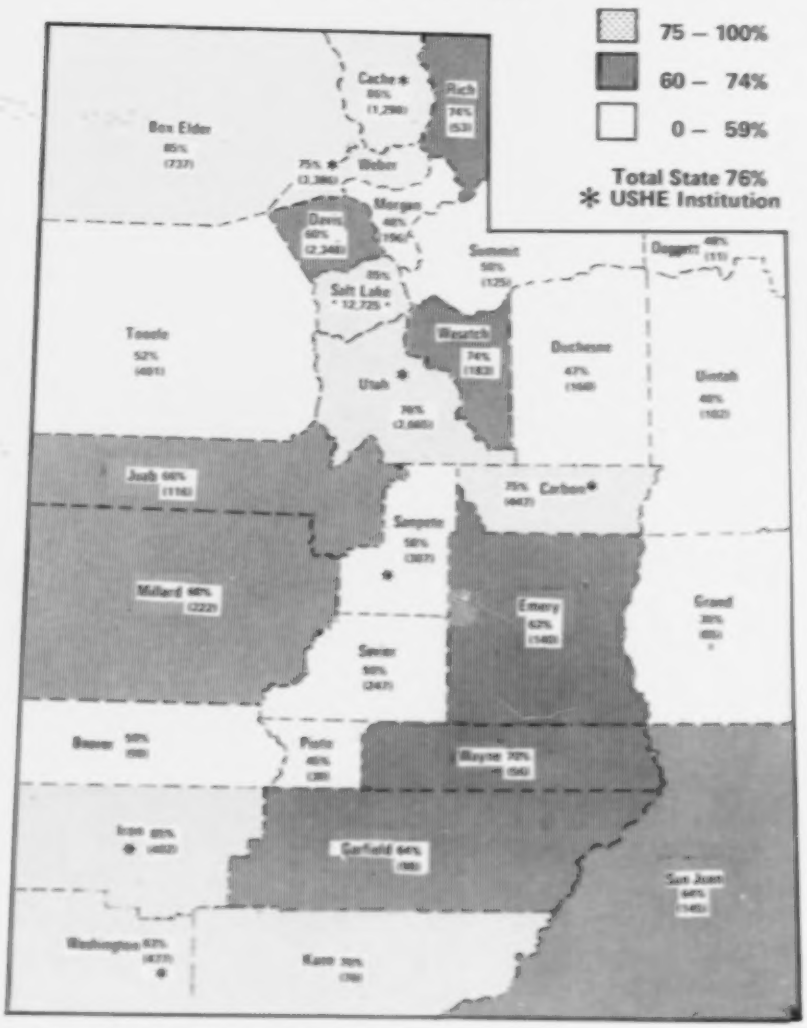
Source: USHE Autumn Quarter enrollment report 1970-1971.

[a]Includes unclassified

TABLE 6

Utah System of Higher Education

Utah College, Resident Freshmen and Sophomore Extended Day Enrollments Autumn 1971, and Enrollments as a Percent of Utah High School Graduates 1970 and 1971



Source: USHE Autumn Enrollment Report.

TABLE 7

Utah System of Higher Education

High School Graduates 1970 and 1971
Resident Freshmen and Sophomore Enrollments
At All Utah Colleges – Autumn 1971

	High School Graduates 1970 and 1971	Resident Freshman and Sophomore Enrollments at all Utah Colleges Autumn 1971	Resident Freshman and Sophomore as a percent of High School Graduates
Beaver	180	90	50
Box Elder	868	737	85
Cache	1,506	1,298	86
Carbon	599	447	75
Daggett	23	11	48
Davis	3,897	2,348	60
Duchesne	355	168	47
Emery	223	140	63
Garfield	153	98	64
Grand	234	85	36
Iron	475	402	85
Juab	176	116	66
Kane	100	76	76
Millard	372	222	60
Morgan	201	96	48
Piute	67	30	45
Rich	72	53	74
Salt Lake	14,997	12,725	85
San Juan	225	145	64
Sanpete	530	307	58
Sevier	499	247	50
Summit	248	125	50
Tooele	773	401	52
Uintah	457	182	40
Utah	4,855	3,665	76
Wasatch	248	183	74
Washington	575	477	83
Wayne	80	56	70
Weber	4,534	3,386	75
Utah Total	37,522	28,316	76

Source: High School Intentions Survey, 1970 and 1971
U.S.H.E. Autumn Enrollment Report, 1971.

TABLE 8

Utah System of Higher Education

Autumn Term Day Only Headcount Enrollments At Utah Institutions 1970 and 1971 By County

County	Total Number of Students No.	$ St Total	$ 70-71 Change	U of U No.	U of U Cnty %	U of U Inst %	USU No.	USU Cnty %	USU Inst %	WSC No.	WSC Cnty %	WSC Inst %	SUSC No.	SUSC Cnty %	SUSC Inst %	Snow No.	Snow Cnty %	Snow Inst %
Beaver																		
1970	170	.4	–	19	11.2	.1	15	8.81	.2	0	0.0	–	89	52.4	5.2	1	.61	.1
1971	142	.3	-16.5	17	12.0	.1	21	14.8	.3	1	.7	0	59	41.5	3.9	1	.7	.1
Box Elder																		
1970	1,125	2.5	–	95	8.4	.6	527	46.8	8.1	323	28.7	4.8	6	.56	.4	8	.07	1.1
1971	1,171	2.6	4.0	120	10.2	.7	529	45.1	7.7	332	28.4	5.0	8	.67	.5	11	.09	1.6
Cache																		
1970	3,038	6.8	–	70	2.3	.4	2,814	92.6	43.1	39	1.3	.5	2	.06	.1	4	.13	.6
1971	3,325	7.3	9.4	78	2.3	.5	3,089	92.9	44.8	47	1.4	.7	7	.02	.5	2	.06	.3
Carbon																		
1970	714	1.6	–	107	15.0	.7	89	12.5	1.4	21	2.9	–	15	2.1	–	3	.4	.4
1971	623	1.4	-12.7	90	14.4	.6	85	13.6	1.2	24	3.9	.4	10	1.6	.7	1	.2	.1
Daggett																		
1970	6	0	–	0	0.0	–	2	33.3	–	1	16.7	.3	1	16.7	.9		0.0	–
1971	15	0	150	0	0	0	5	33.3	.1	2	13.3	0	0	0	0	0	0	0
Davis																		
1970	3,640	8.1	–	1,033	28.4	6.4	434	11.9	6.7	1,530	42.0	21.6	28	.8	1.6	10	.3	1.4
1971	3,983	7.9	1.3	1,140	21.7	7.1	475	13.2	6.9	1,318	36.7	19.8	16	.4	1.0	20	.6	2.9
Duchesne																		
1970	215	.5	–	13	6.0	.1	67	31.7	1.0	8	3.7	.1	0	0.0	–	6	3.7	1.1
1971	227	.5	5.6	13	5.7	.1	71	31.3	1.0	12	5.3	.2	7	.8	.1	8	3.5	1.1
Emery																		
1970	241	.5	–	21	9.8	.1	49	22.9	.8	6	2.8	.1	10	4.7	.6	18	8.4	2.5
1971	215	.5	-10.8	26	12.1	.2	41	19.7	.6	2	.9	0	6	2.8	.4	12	6.0	1.9
Garfield																		
1970	164	.4	–	7	4.3	–	32	19.5	.5	6	3.7	.1	70	48.2	4.7	2	1.2	.3
1971	151	.3	-7.9	5	3.3	0	28	18.5	.4	3	2.0	0	60	39.7	4.0	3	2.0	.4
Grand																		
1970	150	.3		25	16.7	.2	31	20.7	.5	10	6.7	.1	8	5.3	.5	3	2.0	.4
1971	135	.3	-10.0	32	23.7	.2	29	21.5	.4	11	8.1	.2	8	5.9	.5	2	1.5	.3
Iron																		
1970	745	1.7		35	4.8	.2	44	5.9	.7	2	.3	0	661	88.7	35.4	0	0.0	–
1971	634	1.5	0.0	42	6.2	.3	52	7.7	.9	2	.3	0	538	79.0	35.2	0	0.0	0
Juab																		
1970	196	.4		14	7.8	.1	31	17.2	.5	5	2.7	.1	25	13.9	1.5	9	5.0	1.2
1971	168	.4	-6.7	16	9.9	.1	23	13.6	.3	4	2.4	.1	35	14.8	1.7	12	7.7	1.9
Kane																		
1970	114	.3		10	8.5	.1	11	9.4	.2	5	4.2	.1	49	41.8	2.9	0	0.0	–
1971	134	.3	14.9	29	21.6	.2	16	11.9	.2	3	2.2	0	36	26.4	2.5	0	0.0	0
Millard																		
1970	495	.9		28	5.6	.2	60	17.0	1.1	10	3.6	.2	98	28.1	5.0	10	4.4	2.5
1971	340	.8	-15.0	0	0	0	83	24.1	1.2	9	2.6	.1	91	26.4	6.1	13	3.8	1.9
Morgan																		
1970	151	.3		9	6.0	.1	20	13.2	.3	101	66.9	1.6	0	0.0	–	3	1.9	.4
1971	146	.3	-3.3	11	7.5	.1	27	18.5	.4	90	61.6	1.6	0	0.0	–	2	1.4	.3
Piute																		
1970	42	.1		6	14.0	–	2	4.7	0	1	2.3	0	10	41.0	1.1	1	2.3	.1
1971	46	.1	11.8	9	19.6	.1	2	4.3	0	0	0	0	19	39.3	1.1	2	4.3	.3

Dixie			CEU			UTC P			UTC SL			BYU			Westminster		
	Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst
No.	%	%	No.	%	%	No.	%	%	No.	%	%	No.	%	%	No.	%	%
3	1.8	.4	0	0.0	–	9	5.31	.7	5	2.9	.3	28	16.5	.3	1	.6	.2
11	7.7	1.3	0	0	0	1	.7	.1	7	4.9	.3	23	16.2	.3	1	.7	.2
13	.12	1.5	0	0.0	–	2	.2	.2	10	.8	.6	140	12.4	1.6	1	.1	.2
8	.07	1.0	1	.01	.2	10	.9	.7	8	.7	.4	141	12.0	1.8	4	.3	.7
4	.13	.5	3	.1	.5	3	.1	.2	10	.3	.6	88	2.9	1.0	1	.3	.2
3	.09	.4	2	.1	.4	4	.1	.3	11	.3	.5	81	2.4	1.0	1	.3	.2
0	0.0	–	337	55.6	66.8	10	1.4	.8	14	2.0	.8	56	7.8	.7	2	.3	.3
0	0.0	0	333	53.5	65.9	22	3.5	1.5	14	2.2	.6	44	7.1	.5	0	0	0
0	0.0	–	0	0.0	–	0	0.0	–	2	33.3	.1	0	0.0	–	0	0.0	–
0	0	0	0	0	0	3	20.0	.2	3	20.0	.1	2	13.3	0	0	–	0
28	.91	3.3	6	.2	1.0	2	.5	.2	85	2.3	5.0	453	12.4	5.2	31	.9	5.1
25	.7	3.0	6	.2	1.2	6	.2	.4	140	3.9	6.3	494	12.1	5.4	14	.4	2.5
13	6.0	1.5	12	5.6	2.0	12	5.6	1.0	7	3.3	.4	72	33.5	.8	3	1.4	.5
3	1.3	.4	16	7.0	3.2	22	9.7	1.5	7	3.1	.3	70	30.8	.9	3	1.3	.5
10	4.7	1.2	64	29.9	10.8	6	2.8	.5	7	3.2	.4	50	23.4	.6	0	0.0	–
5	2.3	.6	44	20.5	8.7	19	9.0	1.3	12	5.5	.5	46	21.4	.6	1	.4	.2
19	11.6	2.2	0	0.0	–	3	1.8	.2	1	.6	.1	15	9.1		0	0.0	–
19	11.0	2.2	0	0.0	0	6	4.0	.4	0	0	0	28	18.6	.3	0	0.0	–
1	1.3	.1	21	14.0	3.5	7	4.7	.6	0	0.0	–	41	27.3	.2	3	2.0	.5
8	5.9	1.0	16	11.9	3.2	0	0.0	0	3	2.2	.1	23	17.0	.3	3	2.2	.5
6	.8	.7	0	0	–	5	.7	.5	4	.5	.2	47	6.3	.6	0	0.0	–
2	.3	.2	0	0	0	9	1.3	.6	3	.4	.1	39	5.8	.5	0	0.0	–
4	2.2	.5	2	1.1	.3	29	16.1	2.3	4	2.2	.2	57	31.7	.7	0	0.0	–
1	.6	.1	2	1.2	.4	43	25.4	3.0	2	1.2	.1	45	26.6	.6	0	0.0	–
12	10.3	1.4	1	.8	.2	2	2.2	.2	0	0.0	–	24	20.5	.3	0	0.0	–
12	9.7	1.6	1	.7	.2	3	2.2	.2	0	0.0	0	31	23.1	.4	0	0.0	–
42	10.3	4.9	0	0.0	–	17	4.2	1.3	3	.7	.2	119	29.3	1.4	0	0.0	–
14	4.1	1.7	0	0.0	0	26	7.5	1.8	2	.6	.1	107	31.0	1.3	0	0.0	–
0	0	–	0	0	–	0	0	–	2	1.3	.1	16	10.6	.2	0	0	–
1	.7	.1	0	0	0	0	0	0	0	0	0	15	10.3	.2	0	0	–
1	2.3	.1	0	0	–	2	4.7	.2	0	0	–	12	27.9	.1	0	0	–
1	2.1	.1	1	2.1	.2	6	12.5	.4	0	0	0	11	22.9	.1	0	0	–

TABLE 8 (Continued)

County	Total Number of Students No.	% St Total	% 70 71 Change	U of U No.	U of U Cnty %	U of U Inst %	USU No.	USU Cnty %	USU Inst %	WSC No.	WSC Cnty %	WSC Inst %	SUSC No.	SUSC Cnty %	SUSC Inst %	Snow No.	Snow Cnty %	Snow Inst %
Rich																		
1970	81	.2		2	2.4	–	48	59.3	.7	12	14.8	.2	1	1.2	.1	0	0	–
1971	78	.2	-3.7	4	5.1	0	44	56.4	.6	15	19.2	.2	1	1.3	.1	0	0	0
Salt Lake																		
1970	18,042	40.2		12,163	67.4	75.8	940	5.2	14.4	494	2.7	7.0	143	.8	8.4	141	.8	10.5
1971	18,719	41.3	3.7	12,589	67.3	78.4	980	5.2	14.2	395	2.1	5.8	162	.9	10.8	152	.8	21.8
San Juan																		
1970	212	.5		18	8.5	.1	46	21.7	.7	7	3.3	.1	12	5.7	.7	6	2.8	.8
1971	219	.5	3.3	27	12.3	.2	38	17.4	.6	12	5.5	.2	9	4.1	.6	8	3.7	1.1
Sanpete																		
1970	546	1.2		30	5.5	.2	99	18.1	1.5	23	4.2	.3	17	3.1	1.0	214	39.2	29.6
1971	481	1.1	-11.9	37	7.7	.2	84	17.5	1.2	22	4.6	.3	14	2.9	.9	183	38.0	26.3
Sevier																		
1970	460	1.0		48	10.4	.3	90		1.4	9	2.0	.1	126	27.4	8.8	40	8.7	5.5
1971	394	.9	-14.3	43	10.9	.3	82	20.8	1.2	7	1.8	.1	111	28.2	7.4	22	5.1	4.8
Summit																		
1970	235	.5		42	17.9	.3	55	23.4	.8	50	21.3	.7	3	1.3	.2	5	2.1	.7
1971	193	.4	17.8	35	18.1	.2	45	23.3	.6	33	17.1	.5	3	1.6	.2	3	1.6	.4
Tooele																		
1970	583	1.3		147	24.9	.9	112	18.9	1.7	64	10.8	.9	25	4.2	1.5	14	2.4	1.9
1971	612	1.3	3.2	183	29.9	1.1	119	19.3	1.7	56	9.2	.8	25	4.1	1.7	7	1.1	1.0
Uintah																		
1970	320	.7		56	17.5	.3	68	21.3	1.0	28	8.8	.4	14	4.4	.8	9	2.8	1.2
1971	294	.6	-8.1	47	16.0	.3	68	23.1	1.0	13	4.4	.2	11	3.7	.7	9	3.1	1.3
Utah																		
1970	6,263	14.0		402	6.4	2.5	368	5.9	5.7	78	1.2	1.1	150	2.4	8.8	170	2.8	24.8
1971	6,229	13.7	-.1	447	7.2	2.8	364	5.8	5.3	66	1.1	1.0	120	1.9	8.0	190	3.1	27.3
Wasatch																		
1970	265	.6		25	9.4	.2	41	15.5	.6	14	5.2	.2	5	1.9	.3	10	3.8	1.4
1971	257	.6	.4	30	11.3	.3	35	13.5	.5	16	6.0	.2	6	2.3	.4	5	1.9	.7
Washington																		
1970	712	1.6		41	5.8	.3	41	5.8	.6	5	.7	.1	155	21.8	9.1	0	0.0	–
1971	740	1.6	3.9	46	6.2	.3	47	6.4	.7	5	.7	.1	146	19.7	8.7	1	.1	.1
Wayne																		
1970	94	.2		7	8.3	–	27	32.1	.4	6	7.1	.1	12	14.3	.7	4	4.8	.6
1971	96	.2	2.4	8	9.3	.1	28	32.6	.4	4	4.7	.1	10	11.6	.7	2	2.5	.4
Weber																		
1970	5,426	12.1		543	10.0	3.4	353	6.5	5.4	4,233	78.0	58.7	6	.1	.4	12	.2	1.7
1971	5,410	11.9	-.3	539	9.9	3.5	386	7.1	5.6	4,165	77.0	62.5	9	.2	.6	13	.2	1.9
Undentified County																		
1970	543	1.2		294	54.1	1.8	0			0			0			0		
1971	538	1.2	-.9	408	75.8	2.5	0			0			0			0		
Total																		
1970	44,964	100		15,289	34.1	100	6,526	14.5	100	7,990	15.8	100	1,696	3.8	100	722	1.6	100
1971	45,375	100	1.0	16,056	35.4	100	6,694	15.2	100	8,909	14.7	100	1,501	3.3	100	697	1.5	100

Dixie			CEU			UTC P			UTC SL			BYU			Westminster		
	Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst		Cnty	Inst
No.	%	%	No.	%	%	No.	%	%	No.	%	%	No.	%	%	No.	%	%
6	7.6	.7	0	0	–	0	0	–	2	2.5	.1	9	11.1	.1	1	1.2	.2
4	5.1	.5	0	0	0	0	0	–	3	3.8	.1	7	9.0	.1	0	0	–
167	1.9	21.9	52	.3	8.8	114	.6	9.0	1,382	7.7	82.3	1,868	10.4	21.9	548	3.0	99.0
174	.9	20.9	48	.2	7.9	42	.2	3.0	1,647	9.9	82.8	1,845	9.9	23.0	562	2.7	99.6
17	8.0	2.0	10	4.7	1.7	10	4.7	.8	7	3.3	.4	79	37.3	.9	0	0.0	–
8	3.7	1.0	18	8.2	3.0	21	9.6	1.5	3	1.4	.1	75	34.2	.9	0	0.0	–
5	.9	.6	1	.2	.2	9	1.6	.7	5	.9	.3	142	26.0	1.7	1	.2	.2
0		0	1	.2	.2	19	4.0	1.4	8	1.7	.4	113	23.5	1.4	0	0	0
15	3.3	1.8	1	.2	.2	7	1.5	.8	3	.7	.2	121	26.3	1.4	0	0	–
22	5.6	2.6	1	.3	.2	10	2.5	.7	2	.5	.1	83	21.1	1.0	0	0	–
8	3.4	.9	1	.4	.2	2	.9	.2	21	8.9	1.2	43	18.3	.5	5	2.1	.6
7	3.6	.8	0	0	0	9	4.7	.8	14	7.3	.8	42	21.8	.5	2	1.0	.4
9	1.5	1.0	9	1.5	1.5	6	1.0	.5	68	11.6	4.1	136	22.6	1.6	4	.7	.7
16	2.9	2.2	10	1.8	2.0	4	.7	.3	77	13.6	3.4	110	18.0	1.4	4	.7	.7
2	.9	.4	6	1.9	1.0	12	3.8	1.0	9	2.8	.5	112	35.0	1.3	3	.9	.5
12	4.1	1.4	2	.7	.4	27	9.2	1.9	12	4.1	.5	90	30.6	1.1	3	1.0	.5
86	1.4	19.1	5	.1	.8	940	15.0	74.4	11	.2	.7	4,061	64.6	47.5	2	0	.3
90	1.4	19.8	8	.1	1.6	1,031	16.6	72.6	19	.3	.9	3,862	62.5	48.5	2	0	.4
15	5.6	1.8	1	.4	.2	38	14.3	3.0	4	1.5	.2	112	42.3	1.3	0	0	–
14	5.3	1.7	1	.4	.2	53	19.5	3.7	4	1.5	.2	102	38.3	1.3	0	0	0
323	45.3	37.8	0	0	–	9	1.3	.7	2	.3	.1	136	19.1	1.6	0	0	–
362	46.2	41.1	0	0	0	16	2.2	1.1	2	.3	.1	135	18.2	1.7	0	0	–
5	9.8	.6	1	1.2	.2	3	3.6	.2	4	4.8	.3	15	17.9	.2	0	–	
3	3.5	.4	2	2.3	.4	5	5.8	.4	6	7.0	.3	17	19.8	.2	0	–	
19	.4	2.2	0	0.0	–	4	.1	.3	9	.2	.5	244	4.5	2.9	3	.1	.
26	.5	3.1	2	0	.4	9	.1	.4	22	.4	1.0	239	4.4	3.0	14	.3	2.
0			0			0			0			249	45.9	2.9	0		
0			0			0			0			130	24.2	1.6	0		
804	1.9	100	530	1.3	100	1,263	2.9	100	1,662	3.8	100	6,543	15.0	100	689	1.4	100
830	1.9	100	597	1.1	100	1,422	3.1	100	2,232	4.9	100	6,020	17.7	100	554	1.2	100

TABLE 9

Utah System of Higher Education

In-State, Out-of-State and Foreign Students
As a Percentage of Enrollment, Autumn Quarter,
Day Head Count, 1968-69 Through 1971-72

Institution	1968-69			1969-70			1970-71			1971-72[a]		
	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign
U of U	84.2	14.4	1.4	83.9	14.4	1.7	83.2	15.3	1.5	84.3	14.2	1.5
U.S.U.	73.5	21.1	5.4	75.1	19.9	5.0	76.5	19.5	4.0	78.4	17.9	3.7
W.S.C.	94.1	5.7	.2	93.3	6.4	.3	94.5	5.1	.4	93.8	5.6	.6
S.U.S.C.	91.0	8.6	.4	87.4	12.1	.5	86.7	12.7	.6	80.9	18.3	.8
Snow	89.4	10.3	.3	91.4	8.2	.4	89.5	9.9	.6	88.7	11.2	.1
Dixie	71.8	28.0	.2	73.0	26.6	.4	69.7	30.0	.3	72.8	26.2	1.0
C.E.U.	95.1	4.0	.9	94.2	3.4	2.4	92.0	4.0	4.0	91.2	4.9	3.9
U.T.C./P.	90.9	7.9	1.2	93.4	5.2	1.4	94.8	3.7	1.5	92.8	5.7	1.5
U.T.C./S.L.C.	97.4	2.1	.5	97.9	1.6	.5	98.5	1.2	.3	98.5	1.2	.3
Total U.S.H.E.	84.7	13.4	1.9	84.9	13.1	2.0	84.9	13.4	1.7	85.4	12.9	1.7
Private Institutions	35.0	59.1	5.9	35.3	60.2	4.5	35.4	59.6	5.0	33.1	61.5	5.4
Total State	66.5	30.2	3.3	66.3	30.8	2.9	66.1	31.0	2.9	66.4	30.6	3.0

[a] Estimated for comparison only from Extended Day report.

Source: U.S.H.E. Autumn Enrollment Report, Years 1969-70, 1970-71, and 1971-72.
C.C.H.E. Autumn Enrollment Report, 1968-69.

Note: Percentages may differ slightly from those in Table 1 because they are taken from the Autumn report and may not reflect corrections included in the final yearly report.

TABLE 10

Utah System of Higher Education

Counties Providing Greatest Resident Enrollment Percentage By Institution, Autumn Quarter, Day Head Count, 1971-72

UNIVERSITY OF UTAH

County	Percent
1. Salt Lake	78.4
2. Davis	7.1
3. All other counties	14.5
	100.0

S.U.S.C.

1. Iron	35.2
2. Washington	10.8
3. Utah	9.7
4. Salt Lake	8.0
5. Sevier	7.4
6. Millard	6.1
7. Garfield	4.0
8. All other counties	18.8
	100.0

C.E.U.

1. Carbon	65.8
2. Emery	8.7
3. Salt Lake	7.9
4. All other counties	17.6
	100.0

U.S.U.

County	Percent
1. Cache	44.8
2. Salt Lake	14.2
3. Box Elder	7.7
4. Davis	6.9
5. Utah	5.6
6. Weber	5.3
7. All other counties	15.5
	100.0

SNOW

1. Sanpete	29.3
2. Utah	27.3
3. Salt Lake	21.8
4. Sevier	4.6
5. All other counties	17.0
	100.0

U.T.C./Salt Lake

1. Salt Lake	82.8
2. Davis	6.3
4. All other counties	10.9
	100.0

WEBER STATE COLLEGE

County	Percent
1. Weber	62.5
2. Davis	19.8
3. Salt Lake	5.8
4. Box Elder	5.0
5. All other counties	6.9
	100.0

DIXIE

1. Washington	41.1
2. Salt Lake	20.9
3. Utah	10.8
5. All other counties	27.2
	100.0

U.T.C./PROVO

1. Utah	72.6
2. Wasatch	3.7
3. All other counties	23.7
	100.0

Source: U.S.H.E. Autumn Enrollment Report, 1971.
Note: Only those counties providing more than 4 per cent of the enrollment total are listed.

TABLE 11

Utah System of Higher Education
States and Ten Leading Countries Providing Students to Member Institutions, Autumn Quarter, Day Head Count, 1971-72

Source: U.S.H.E. Autumn Enrollment Report, 1971.

Note: Total Enrollment figures may differ slightly from those in Table 1 because they are taken from the Autumn report and may not reflect corrections included in the final yearly report.

TABLE 12

Utah System of Higher Education

States Providing the Largest Nonresident Percentage of Total Enrollment by Institution Autumn Quarter, Day Head Count, 1971-72

State	U of U	U.S.U.	W.S.C.	S.U.S.C.	Snow	Dixie	C.E.U.	U.T.C. Provo	U.T.C. Salt Lake	Total System	%Of Total
California	803	339	71	119	28	93	2	12	1	1,468	3.2
Idaho	331	334	35	6	16	5	2	10	8	746	1.6
Nevada	94	62	32	119	8	122	1	10	6	454	1.0
Illinois	173	59	20	11	1	4	2			270	.6
New York	130	87	16	5	2	5	4	3		252	.6
Wyoming	78	81	37	2	7	4		3	6	218	.5
Colorado	116	39	12	4	6	2	1	10		189	.4
Arizona	62	22	8	21	3	11	1	19	3	150	.3
New Jersey	84	43	4	8	3	1				143	.3
New Mexico	76	27	9	3	2	11		8	1	137	.3
Pennsylvania	83	43	6	4		1				137	.3
All Other States	1,061	421	150	38	13	40	14	12	2	1,751	3.9
Total Out of State	3,090	1,557	400	340	88	299	27	87	27	5,915	13.0
Foreign	308	323	41	15	1	12	22	23	6	751	1.6
Other	13	16				1				30	.1
Total Nonresident	3,411	1,896	441	355	89	312	49	110	33	6,696	14.7
Residents	18,257	6,894	6,659	1,501	697	833	506	1,421	2,232	39,000	85.3
Total U.S.H.E.	21,668*	8,790	7,100	1,856	786	1,145	555	1,531	2,265	45,696	100.0

*Includes 310 medical students.

Source: U.S.H.E. Autumn Enrollment Report, 1971

Note: Total Enrollment figures may differ slightly from those in Table 1 because they are taken from the Autumn report and may not reflect corrections included in the final yearly report.

TABLE 13

Utah System of Higher Education

College Student Migration Into and From Utah
1968 Study, U.S. Office of Education

State	Migration to Utah		Migration From Utah	Net Difference	
	Public	Total		Public	Total
Alabama	13	44	8	+5	+36
Alaska	25	77	1	+24	+76
Arizona	93	910	107	−14	+803
Arkansas	5	24	2	+3	+22
California	1,155	5,837	617	+538	+5,220
Colorado	160	620	196	−36	+424
Connecticut	39	89	27	+12	+62
Delaware	7	19	0	+7	+19
D. C.	14	32	73	−59	−41
Florida	20	177	14	+6	+163
Georgia	14	69	12	+2	+57
Hawaii	116	223	49	+67	+174
Idaho	859	3,233	288	+571	+2,935
Illinois	188	376	150	+38	+226
Indiana	36	104	100	−64	+4
Iowa	44	90	54	−10	+45
Kansas	40	104	27	+13	+77
Kentucky	10	36	14	−4	+22
Louisiana	15	62	14	+1	+48
Maine	9	29	2	+7	+27
Maryland	52	149	30	+22	+119
Massachusetts	54	130	104	−50	+26
Michigan	60	173	68	−8	+105
Minnesota	83	158	60	+23	+98
Mississippi	5	23	6	−1	+17
Missouri	44	139	95	−51	+44
Montana	122	324	35	+87	+289
Nebraska	28	77	57	−29	+20

State	Migration to Utah		Migration From Utah	Net Difference	
	Public	Total		Public	Total
Nevada	403	863	13	+390	+850
New Hampshire	21	41	9	+12	+32
New Jersey	139	256	13	+126	+243
New Mexico	109	331	40	+69	+291
New York	232	489	103	+129	+386
North Carolina	11	78	21	−10	+57
North Dakota	33	56	4	+29	+52
Ohio	102	245	65	+37	+180
Oklahoma	20	101	25	−5	+76
Oregon	89	665	115	−26	+550
Pennsylvania	108	239	32	+76	+207
Rhode Island	11	20	14	−3	+6
South Carolina	6	61	3	+3	+58
South Dakota	40	79	7	+33	+72
Tennessee	12	46	12	0	+34
Texas	85	338	89	−4	+249
Utah	35,812	43,926	43,926	−8,114	
Vermont	12	27	2	+10	+25
Virginia	69	256	16	+53	+240
Washington	107	858	184	−77	+674
West Virginia	6	22	2	+4	+20
Wisconsin	66	151	44	+22	+107
Wyoming	197	559	24	+173	+535
Outlying Areas	26	131	3	+23	+128
Foreign	734	1,797		+734	+1,797
U.S. Service Schools	0		75	−75	−75
Total Students	41,760	64,962	47,051		
Less Utah Residents	35,812	43,926	43,926		
Net Migration	5,948	21,036	3,125	+2,823	+17,911

Source: Residence and Migration of College Students, Basic State-to-State Matrix Tables, Fall 1968, National Center for Education Statistics, U.S.O.E.

TABLE 14

Utah System of Higher Education

States Providing the Largest Percentage Of Out-of-State Enrollment by Institution Autumn Quarter, Day Head Count 1971-72

University of Utah (Total 3,091)

State	%
California	25.9
Idaho	10.7
Illinois	5.5
New York	4.2
Colorado	3.7
Nevada	3.0
All Others	47.0
	100.0

Sthrn. Utah State College (Total 340)

State	%
Nevada	35.0
California	35.0
Arizona	6.2
All Others	23.8
	100.0

College of Eastern Utah (Total 33)

State	%
New York	12.1
Virginia	9.1
California	6.1
Idaho	6.1
All Others	66.6
	100.0

Utah State University (Total 1,558)

State	%
California	21.7
Idaho	21.4
New York	5.5
Wyoming	5.3
Nevada	3.9
All Others	42.2
	100.00

Snow College (Total 88)

State	%
California	31.8
Idaho	17.1
Nevada	9.1
Wyoming	7.9
Colorado	6.8
All Others	27.3
	100.0

Utah Tech. College/Provo (Total 87)

State	%
Arizona	21.8
California	13.9
Colorado	11.5
Idaho	11.5
Nevada	11.5
All Others	29.8
	100.00

Weber State College (Total 400)

State	%
California	17.8
Wyoming	9.2
Idaho	8.8
Nevada	8.0
Washington	5.2
Illinois	5.0
New York	4.0
All Others	42.0
	100.0

Dixie College (Total 300)

State	%
Nevada	40.6
California	31.0
Arizona	3.7
All Others	24.7
	100.0

Utah Tech. Col./Salt Lake (Total 27)

State	%
Idaho	29.7
Nevada	22.2
Wyoming	22.2
All Others	25.9
	100.0

Source: U.S.H.E. Autumn Enrollment Report, 1971
Note: Only students from states within the United States are included.

TABLE 15

Utah System of Higher Education

Comparison of Utah High School Graduates to Resident Entering Freshmen, Autumn Quarter, Day Head Count, 1960 Through 1970-71 with Projections to 1973

		Entering Freshmen (Fall)			
	Utah High School Graduates (Spring)	Resident Entering Freshmen U.S.H.E.	Percent of High School Graduates	Resident Freshmen Total Utah Colleges	Percent of High School Graduates
1960	11,306	4,917	43.5	6,044	53.5
1961	12,515	5,459	43.6	6,684	53.4
1962	12,466	5,765	46.2	6,949	55.7
1963	12,161	5,862	48.2	7,909	58.3
1964	13,122	6,391	48.7	7,689	58.5
1965	17,086	7,779	45.5	9,433	55.2
1966	16,500	7,520	45.6	8,928	54.1
1967	16,451	8,301	50.4	9,766	59.3
1968	16,902	7,892	46.7	9,496	56.2
1969	17,644	8,891	50.4	10,682	60.5
1970	18,655	9,396	50.4	11,071	59.3
1971	19,158	9,967	52.0	11,351	59.2
1972	19,224	9,956	51.8	11,393	59.3
1973	19,561	10,172	52.0	11,593	59.3

Projected

Source: Enrollment Projection, Office of Institutional Studies, University of Utah, April 28, 1970 – Corrected to current date, Utah System of Higher Education Autumn Enrollment Report 1971.

TABLE 16

Utah System of Higher Education

Intentions of Utah's High School Graduates[1]
1966-1972

	1967		1968		1969		1970		1971		1972	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
College	10,623	64.57	11,982	70.89	12,264	69.45	12,898	69.10	11,779	61.48	10,961	57.02
Vocational School	1,193	7.26	1,185	7.01	1,387	7.86	1,578	8.46	1,789	9.34	1,900	9.88
Business and Other Schools	1,235	7.51	950	5.62	1,173	6.65	1,066	5.71	1,094	5.71	915	4.76
Post Secondary Education Sub-Total	13,051	79.33	14,117	83.52	14,814	83.96	15,542	83.27	14,662	76.53	13,776	71.66
Work	1,872	11.38	1,967	11.64	2,043	11.58	2,281	12.22	3,027	15.80	3,991	20.76
Other (Marriage, Mission Armed Forces, Undecided, etc.)	1,528	9.29	818	4.84	787	4.46	842	4.51	1,469	7.67	1,457	7.58
Work and Other Sub-Total	3,400	20.67	2,785	16.48	2,830	16.04	3,123	16.73	4,496	23.47	5,448	28.34
Total High School Graduates	16,451	100.00	16,902	100.00	17,644	100.00	18,665	100.00	19,158	100.00	19,224	100.00

[1]Source: Utah State Board of Education, Division of Auxiliary Services.

TABLE 17

Utah System of Higher Education

Comparison of Utah High School Graduate Intentions to Entering Resident Freshmen, Utah Public and Private Colleges 1968 Through 1971

	1968			1969			1970			1971		
	High School Intentions Spring (16,902 Graduates)	Entering Resident Freshmen Autumn	%	High School Intentions Spring (17,644 Graduates)	Entering Resident Freshmen Autumn	%	High School Intentions Spring (18,665 Graduates)	Entering Resident Freshmen Autumn	%	High School Intentions Spring (19,158 Graduates)	Entering Resident Freshmen Autumn	%
U of U	2,975	2,359	79.3	3,203	2,570	80.2	3,491	2,633	75.4	3,408	3,080	90.4
U.S.U.	2,141	1,532	71.6	1,920	1,457	75.9	1,756	1,495	85.1	1,831	1,561	85.3
W.S.C.	1,948	890	45.7	1,930	1,720	89.1	2,114	1,689	79.9	1,826	1,608	88.1
S.U.S.C.	597	509	85.3	546	424	77.8	538	521	96.8	536	421	78.5
Snow	476	466	97.9	371	325	87.6	482	430	89.2	499	413	82.8
Dixie	504	428	84.9	584	481	82.4	604	490	81.1	458	471	102.8
C.E.U.	258	324	125.6	222	285	128.4	238	289	121.4	163	243	149.1
U.T.C./P.	375	646	145.6	434	552	127.2	463	779	168.3	620	818	131.9
U.T.C./S.L.	728	839	115.2	786	1,077	137.0	806	1,069	132.6	903	1,376	152.4
U.S.H.E. Total	10,001	7,892	78.9	9,995	8,891	89.0	10,492	9,395	89.5	10,245	9,991	97.5
B.Y.U.	1,846	1,364	73.9	2,236	1,616	72.3	2,281	1,495	65.5	1,922	1,271	66.1
Westminster	165	240	145.5	199	176	88.4	222	181	81.5	148	128	86.5
State Total	12,011	9,496	79.1	12,429	10,682	85.9	12,995	11,071	85.2	12,315	11,390	92.5

Source: Intentions of Utah's High School Graduates, Utah State Board of Education, Division of Auxiliary Services, 1968-71
U.S.H.E. Autumn Enrollment Report, 1968-1971

Note: Some of the entering freshmen may not have been graduated the previous Spring. Freshmen Enrollments are Day Head Count only.

TABLE 18

Utah System of Higher Education

Public and Private Veteran Enrollment* and Graduates 1969-70 Through 1971-72

Institution	1971-72 Veterans Enrolled	1971-72 Percent of Total	1971-72 Veterans Graduated	1970-71 Veterans Enrolled	1970-71 Percent Of Total	1970-71 Veterans Graduated	1969-70 Veterans Enrolled	1969-70 Percent Of Total	1969-70 Veterans Graduated
University of Utah	2,058	12.74%	209	2,305	13.69%	347	2,738	12.82%	423
Utah State University	930	10.99	134	1,125	12.82	170	1,364	15.43	210
Weber State College	947	13.79	–	1,230	17.26	–	1,262	14.34	–
Southern Utah State College	151	8.84	30	217	11.35	22	224	12.02	27
Snow College	41	5.65	8	27	3.60	9	26	3.31	10
Dixie College	40	4.08	5	45	4.16	7	62	5.49	9
College of Eastern Utah	77	11.51	6	81	12.98	17	87	15.65	22
Utah Technical College/Provo	210	14.91	53	266	20.70	62	367	15.71	55
Utah Technical College/Salt Lake	532	26.89	157	681	34.60	270	865	20.61	176
Total Public	4,986	12.77%	662	5,977	14.81%	904	6,995	14.03%	932
Brigham Young University	1,195	4.95%	N.R.	1,537	6.14%	–	1,652	6.21%	–
Westminister College	91	10.92%	7	84	10.06%	15	98	12.05%	25
Total Private	1,286	5.15%	7	1,621	6.27%	15	1,750	6.38%	25
Total All	6,272	9.80%	669	7,598	11.48%	919	8,745	11.31%	957

*Autumn Quarter, Extended Day, Head Count Enrollment.

Sources: Utah System of Higher Education Annual Enrollment Analysis, 1969-70 through 1971-72.
Institutional Reports of Veteran Students, 1969-70 through 1971-72.

TABLE 19

Utah System of Higher Education

Recommendation for Capital Facilities Appropriation 1973-74
(As approved by the State Board of Higher Education, August 18, 1972)

Priority	Project	Institution	Cost	Cumulative Total
1	Remodel Music Hall & Geo. Thomas Bldg., Alarm Sys., Handicapped AR&I	U of U	$ 253,000	$ 253,000
2	Steam Box-Line, Back-Flow Prev., Deser. Equip.	USU	220,000	473,000
3	Library Phase II	WSC	1,950,000	2,423,000
4	Add. to Water Plant, Lndscp. Admin. Bldg.	WSC	515,000	2,938,000
5	Elec. Distri., Heat Distri. Sys., Incrs. Oil Str. Cap., Fire Hydrants, AR&I, Remdl. Libr. Wing, Purchase Nurs. Schl.	SUSC	299,000	3,237,000
6	AR&I-Aud., Noyes & Stadium, Upgrd. Clasrms.-Noyes, Pur. & Renov. Noyes Home	Snow	159,000	3,396,000
7	Lndscp. btwn. Admin. & Libr. Arts Bldg., Remdl. Sci. Cen., Land Pur.—bal. Blk. 33 & 34	Dixie	287,000	3,683,000
8	Lndscp., Softball Fld., Cmps. Lgt., Misc. AR&I	CEU	149,000	3,832,000
9	Roof Reparis, Parking Lots, Air Compr., Painting, Remodeling	UTC/P	84,000	3,916,000
10	Lndscp., Parking Lots, Misc. AR&I	UTC/SL	121,000	4,037,000
11	Land Purchase, Campus Development	USU	167,000	4,204,000
12	Property Purchases	WSC	259,000	4,463,000
13	Electrical Systems	USU	153,000	4,616,000
14	Med. Cen. Elec. Feeders, Misc. Repairs Campus Lighting	U of U	403,000	5,019,000
15	Food Science Building	USU	2,000,000	7,019,000
16	Remodel Physical Science	U of U	638,000	7,657,000
17	Heating Plant Equipment	USU	275,000	7,932,000
18	Remdl. Stu. Pers. Bldg., Cmslt. Admin. Bldg. Basement, Remdl. Acoustics-Sci. Bldg., Remdl. Contr	WSC	299,000	8,231,000
19	Provide Facilities for General Services	U of U	2,247,000	10,478,000
20	Road & Parking Lot Constr. & Development	WSC	464,000	10,942,000
21	Misc. Remodeling	USU	193,000	11,135,000
22	Technical Education	WSC	3,300,000	14,435,000
23	Construction Trades & Maintenance Bldg.	UTC/SL	2,444,000	16,879,000
24	T & I Building, Phase No.1	SUSC	762,000	17,641,000
25	Land Purchase	Snow	62,000	17,703,000
26	Campus Parking Development	USU	194,000	17,897,000
27	Addition to Heating Plant	WSC	395,000	18,292,000
28	Demolition of Three Temporary Buildings	USU	12,000	18,304,000
29	Home	UTC/SL	25,000	18,329,000

Recommendations for Planning Authorization 1973-74

Board's Recommended Priority	Institution	Institution's Priority	Project Description
1	Dixie	2	Central Chilled Water Plant and Utilities Tunnels
2	Snow	1	Physical Education Building
3	USU		Facilities for Phase II of Fine Arts Center

Source: U.S.H.E. Recommendation for Capital Facilities Appropriations 1973-74 (Adopted August 18, 1972)

TABLE 20

Utah System of Higher Education

Recommendation for Capital Facilities Appropriation By Institution in Total Dollars, 1973-74 With Recommended and Actual Appropriations, 1972,73

	1972-73 Recommendation	1972-73 Appropriation	1973-74 Recommendation
University of Utah	$ 2,380,000	$ 918,000	$ 3,541,000
Utah State University	2,763,000	101,000	3,214,000
Weber State College	5,980,000	2,279,000	7,182,000
Southern Utah State College	616,000	790,000	1,061,000
Snow College	175,000	80,000	221,000
Dixie College	653,000	134,000	287,000
College of Eastern Utah	62,000	28,000	149,000
Utah Technical College/Provo	15,000		84,000
Utah Technical College/Salt Lake	1,905,000	69,000	2,590,000
Total	$14,549,000	$4,399,000	$18,329,000

Source: Utah System of Higher Education Recommendations for Capital Facilities Appropriation 1972-73 (Adopted August 24, 1971).
Utah State Legislative Appropriation Act 1972.
Utah System of Higher Education Recommendations for Capital Facilities Appropriation 1973-74 (Adopted August 18, 1972).

TABLE 21

Utah System of Higher Education

Analysis of Academic Space at Member Institutions
Autumn 1971[1]

	F.T.E. Students	Gross Academic[2]		Net Assignable Instruction		Net Assignable Library		Net Assignable General Administration		Net Assignable Physical Plant & Gen. Inst. Facil.	
Institutions	1971-72	Sq. Ft.	F.T.E.	Sq. Ft.	F.T.E.	Sq. Ft.	F.T.E.	Sq. Ft.	F.T.E.	Sq. Ft.	F.T.E.
U of U	17,006	2,831,069	166	1,085,225	64	282,566	17	76,241	5	182,706	11
U.S.U.	8,266	1,476,712[3]	174	563,529	68	119,115	14	93,545	11	189,850	23
Weber	6,400	663,729	104	310,479	49	40,825	6	45,481	7	26,303	4
S.U.S.C.	1,804	329,443	183	133,555	74	32,587	18	11,211	6	13,983	8
Snow	789	159,213	202	66,163	84	18,846	24	6,934	9	15,651	20
Dixie	1,080	175,590	163	76,749	71	15,607	15	8,503	8	12,312	11
C.E.U.	549	164,440	300	75,509	138	16,454	30	7,572	14	5,612	10
U.T.C.P.	1,528	149,968	98	101,587	66	2,168	1	5,856	4	2,343	2
U.T.C.S.L.	2,261	282,707	125	156,085	69	5,851	3	6,694	3	6,876	3

[1]Does not include space funded but not completed: Weber State College – Social Science Bldg., Education Bldg., Library Bldg. Utah Technical College – Technology Bldg. Snow College – Science Bldg. Southern Utah State College – Administration Bldg College of Eastern Utah – Maintenance Bldg.

[2]Excludes research space.

[3]Excludes 214,108 gross sq. ft. of space classified as EXTENSION and FIELD SERVICE

Source: Utah State Building Board.

TABLE 22

Utah System of Higher Education

Space Utilization and Projection of Optimum F.T.E. Enrollments By Institution Autumn Quarter Classrooms only, 1971-72

INSTITUTION	ROOMS		
	No.	Average Hourly Use Per Week 8 AM - 5 PM	
		Hours	Percent of Optimum Use b)
University of Utah	228	23.5	69
Utah State University	105	26.9	79
Weber State College	75	29.3	86
Southern Utah State College	34	25.2	74
Snow College	18	21.3	63
Dixie College	19	24.6	72
College of Eastern Utah	24	12.2	36
Utah Technical College-Provo	26	21.7	64
Utah Technical College-Salt Lake	46	20.7	61
Utah System of Higher Education	575	-	-

a) Source: Utah State Building Board Space Utilization Report, Autumn 1971.

b) Optimum Use defined as 34 hours per week during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday (75 percent use).

c) Optimum Utilization defined as 66 percent average student station utilization during each of the 34 hours average room use. (Hence, 66 percent of 75 percent is 50 percent student station utilization during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday.)

d) $$\text{Optimum F.T.E. Students} = \text{Actual F.T.E. Students} \times \frac{\text{Optimum Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m. (50\%)}}{\text{Actual Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m.}}$$

STUDENT STATIONS		Actual F.T.E. Students 1971-72	Optimum F.T.E. Students d)	Percent Actual of Optimum F.T.E. Students
Optimum No. of Student Station	Percent Utilization 8 AM - 5 PM c)			
14,032	32.9	17,207	26,000	66
6,375	33.9	8,045	12,000	68
4,001	38.1	6,479	8,500	76
1,284	39.9	1,811	2,300	80
606	34.4	785	1,100	69
949	28.4	1,062	1,900	57
1,344	11.3	541	2,900	23
840	31.8	1,515	2,400	64
1,175	39.3	2,238	2,800	70
30,606	-	39,683	59,900	66

A word of caution: Even though, for any given institution, the optimum F.T.E. student enrollment may exceed considerably the actual F.T.E. student enrollment, there may be specific problems relating to high utilization in particular areas, urgent need for specialized facilities or for the replacement of obsolete and functionally inadequate facilities which do not lend themselves to efficient utilization.

TABLE 23
Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments Summary, By Institutions 1968-69 Through 1971-72, Classrooms Only

	Number of Rooms	Percent Actual of Optimum Use of Rooms 8 AM - 5 PM	Number of Student Stations	Actual F.T.E. Students	Optimum F.T.E. Students	Percent Actual of Optimum F.T.E. Students
University of Utah						
1968-69	194	71	11,482	15,025	21,800	69
1969-70	197	70	11,707	16,056	23,600	68
1970-71	225	72	12,837	16,558	24,400	68
1971-72	228	69	14,032	17,207	26,000	66
Utah State University						
1968-69	122	62	6,878	8,613	14,900	58
1969-70	106	83	6,271	8,321	11,900	70
1970-71	118	75	6,645	8,209	12,600	65
1971-72	106	79	6,375	8,046	12,000	68
Weber State College						
1968-69	65	84	2,888	6,590	6,200	106
1969-70	78	76	4,022	6,825	8,100	84
1970-71	74	81	3,878	7,075	8,800	80
1971-72	75	86	4,001	6,479	8,500	76
Southern Utah State College						
1968-69	28	70	1,176	1,709	2,500	68
1969-70	35	62	1,332	1,656	2,600	64
1970-71	35	68	1,315	1,858	2,400	78
1971-72	34	74	1,284	1,811	2,300	80
Snow College						
1968-69	17	56	637	972	1,200	82
1969-70	19	60	682	792	1,200	64
1970-71	19	60	656	824	1,200	68
1971-72	18	63	606	785	1,100	69

Dixie College						
1968-69	24	56	1,169	1,098	2,100	53
1969-70	19	58	937	1,122	1,800	62
1970-71	19	70	949	1,155	1,800	63
1971-72	19	72	949	1,062	1,900	57
College of Eastern Utah						
1968-69	25	36	1,435	695	2,500	27
1969-70	24	40	1,400	667	2,700	25
1970-71	25	40	1,379	647	2,400	27
1971-72	24	36	1,344	541	2,900	23
Utah Technical College - Provo						
1968-69	33	44	983	987	2,100	46
1969-70	34	42	985	921	2,000	46
1970-71	32	54	915	1,243	2,000	61
1971-72	26	64	840	1,515	2,400	64
Utah Technical College-Salt Lake						
1968-69	49	54	1,281	1,590	2,500	63
1969-70	Data Not Available					
1970-71	42	50	1,063	1,733	2,900	59
1971-72	46	61	1,175	2,238	2,800	79
Utah System of Higher Education						
1968-69	557		27,904	37,249	55,800	66
1969-70	Data Incomplete			36,380	53,900	
1970-71	589		30,702	39,302	58,500	66
1971-72	575		30,606	39,683	59,900	66

1. Source: Utah State Building Board Space Utilization Report, January, 1972.
2. Source: Annual Enrollment Analysis.
3. Extended Day Enrollments.

TABLE 24

Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments by Institutions, Autumn Quarter, Teaching Laboratories Only

INSTITUTION	ROOMS		
	No.	Average Hourly Use Per Week 8 AM - 5 PM	
		Hours	Percent of Optimum Use b/
University of Utah	126	14.5	58
Utah State University	108	15.0	60
Weber State College	82	18.5	74
Southern Utah State College	31	16.4	66
Snow College	19	13.9	56
Dixie College	19	18.3	73
College of Eastern Utah	19	14.4	58
Utah Technical College -- Provo	44	21.8	87
Utah Technical College -- Salt Lake	42	28.3	113
Utah System of Higher Education	490	--	--

a/ Source: Utah State Building Board Space Utilization Report, January 1972.

b/ Optimum Use defined as 25 hours per week during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday (55.6 percent use).

c/ Optimum Utilization defined as 85 percent average student station utilization during each of the 25 hours average room use. (Hence, 85 percent of 55.6 percent is 47.3 percent student station utilization during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday.)

d/ Optimum F.T.E. Students = Actual F.T.E. Students X $\frac{\text{Optimum Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m. (47.3\%)}}{\text{Actual Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m.}}$

STUDENT STATIONS		Actual F.T.E. Students 1971-72	Optimum F.T.E. Students d)	Percent Actual of Optimum F.T.E. Students
Optimum No. of Student Stations	Percent Utilization 8 AM - 5 PM c)			
3,612	26.1	17,207	31,000	55
2,770	26.8	8,945	14,000	56
2,087	31.8	6,479	9,600	67
583	30.8	1,811	2,800	65
508	16.2	785	2,300	34
540	23.6	1,062	2,100	50
382	27.6	541	900	58
914	46.2	1,515	1,600	98
942	60.8	2,238	1,600	129
12,359	-	39,683	65,900	60

A word of caution: Even though, for any given institution, the optimum F.T.E. student enrollment may exceed considerably the actual F.T.E. student enrollment, there may be specific problems relating to high utilization in particular areas, urgent need for specialized facilities or for the replacement of obsolete and functionally inadequate facilities which do not lend themselves to efficient utilization.

TABLE 25

Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments Summary, by Institutions, 1968-69 Through 1971-72 Teaching Laboratories Only

	Number of Rooms	Percent Actual of Optimum Use of Rooms 8 AM – 5 PM	Number of Student Stations	Actual F.T.E. Students	Optimum F.T.E. Students	Percent Actual of Optimum F.T.E. Students
University of Utah						
1968-69	106	64	2,898	15,025	27,000	56
1969-70	104	59	2,895	16,056	30,000	53
1970-71	143	56	4,778	16,858	44,000	38
1971-72	126	58	3,612	17,207	31,000	56
Utah State University						
1968-69	106	60	2,673	8,613	18,000	48
1969-70	86	56	2,093	8,321	15,000	57
1970-71	100	53	2,364	8,209	15,000	55
1971-72	108	60	2,770	8,046	14,000	58
Weber State College						
1968-69	50	84	1,391	6,590	8,800	75
1969-70	75	66	1,867	6,826	12,000	58
1970-71	87	82	2,093	7,075	9,800	72
1971-72	82	74	2,087	6,479	9,600	67
Southern Utah State College						
1968-69	33	63	684	1,709	3,000	57
1969-70	32	64	600	1,656	2,800	60
1970-71	31	61	583	1,858	2,900	63
1971-72	31	66	583	1,811	2,800	65
Snow College						
1968-69	18	52	442	972	2,000	49
1969-70	17	58	421	792	2,000	39
1970-71	17	64	421	824	1,800	46
1971-72	19	56	509	785	2,300	34

Dixie College						
1968-69	14	74	370	1,098	2,100	52
1969-70	21	60	611	1,122	2,600	44
1970-71	18	72	516	1,156	1,900	60
1971-72	19	73	540	1,062	2,100	50
College of Eastern Utah						
1968-69	17	53	359	685	1,200	55
1969-70	19	53	394	667	1,300	52
1970-71	17	65	364	647	900	72
1971-72	19	58	392	541	900	58
Utah Technical College-Provo						
1968-69	36	91	762	967	1,100	85
1969-70	35	80	762	921	1,400	68
1970-71	37	82	797	1,243	1,500	81
1971-72	44	87	914	1,515	1,600	98
Utah Technical College-Salt Lake						
1968-69	49	88	1,164	1,590	1,900	85
1969-70	Data Not Available					
1970-71	48	97	1,090	1,733	1,700	102
1971-72				2,238	1,600	129
Utah System of Higher Education						
1968-69	428	11,908	37,249	65,100	58	
1969-70	Data Incomplete		36,360	67,100		
1970-71	498	13,005	39,302	70,500	50	
1971-72	490	12,359	39,683	65,900	60	

Source: Utah State Building Board Space Utilization Reports 1968 through 1972.

II. Budgets and Finance

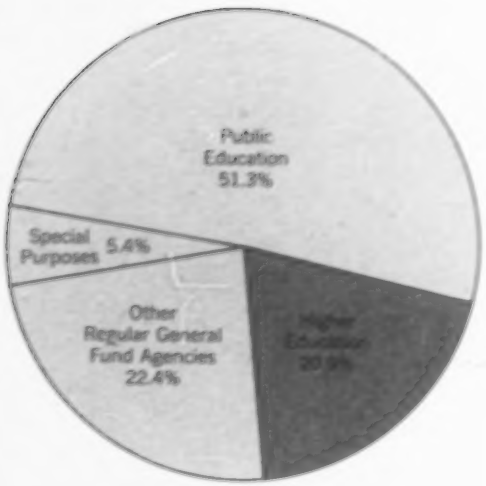
Appropriations

The State of Utah appropriated approximately one dollar for higher education for each five dollars of total legislative appropriation, during 1971–72. (See Figure 1.)

The $52.4 million made available to the Utah System of Higher Education through this significant effort, however, still left the institutions at a financial position about equal to the previous year.

Figure 1. Legislative Appropriations 1971-72

	Millions
Public education (Elementary & Secondary)	$128.8*
Other regular agencies	56.3
Other education	
Social services	
Natural resources	
Development services	
Judiciary	
Legislature	
Executive and administrative	
Other general fund	
Higher education	52.4
Special purposes	13.7
Local school buildings	
State buildings	
Bond service	
Liquor profits—local share	
Total	$251.2



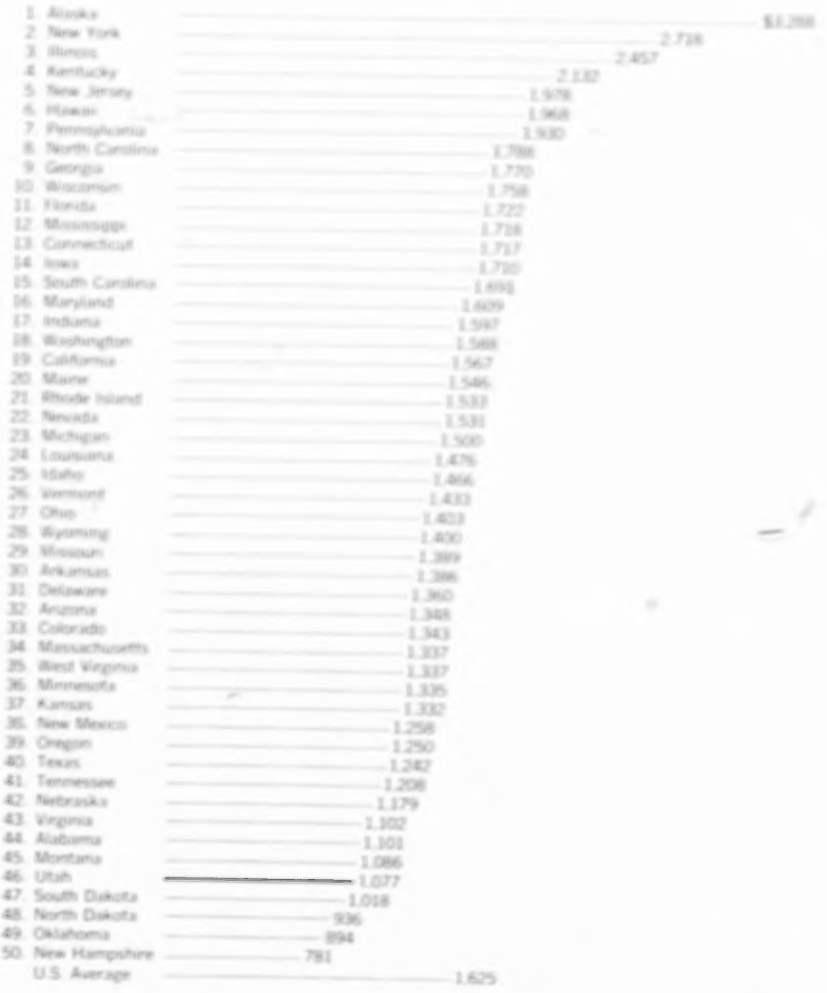
Utah System of Higher Education Appropriations General and Uniform School Funds. Percent and Dollar Distribution, State of Utah, 1971-72

*Includes $28.3 million transfer from the General Fund.
Source: Utah Foundation, Report No. 313, November 1972

The percentage of Utah's student-age population which seeks additional education beyond high school ranks among the highest in the nation. Yet Utah stood 46th of 50 in the number of dollars provided in 1970-71 (latest figures available) for each higher education student. (See Figure 2)

Ranking of
Legislative Appropriations
per F.T.E.* Student,
by State, 1970-71

Figure 2. Appropriations per Student



*Full Time Equivalent

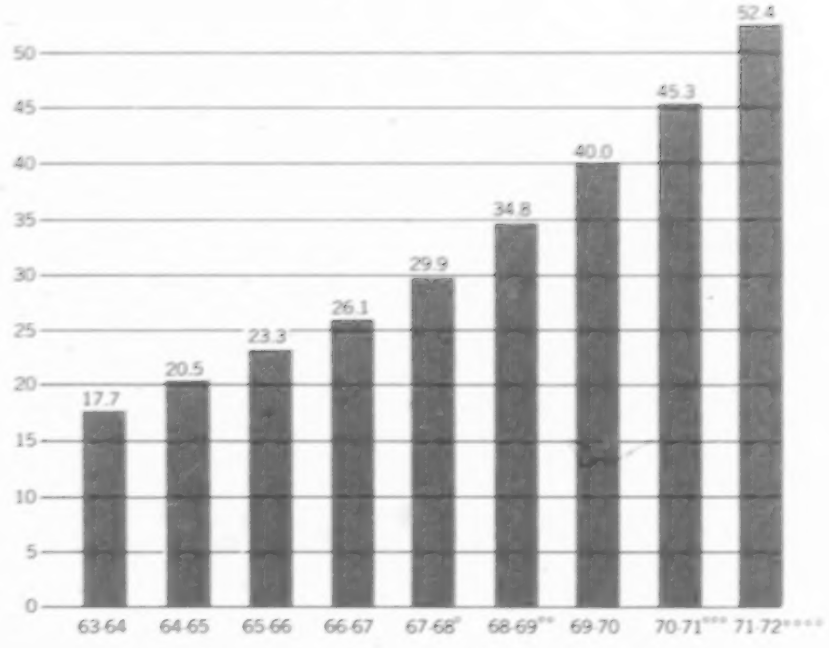
SOURCE: Circular Number 173, "FYI", National Association of State Universities and Land-Grant Colleges, March 13, 1972.

Despite the fact that appropriations have risen steadily, (See Figure 3) in the last five years, Utah has slipped from 45th to 46th.

High Tuitions

Student tuitions were high for Utahns in 1971–72. The University of Utah student, for example, paid more than most of his contemporaries in surrounding states. (See Figure 4). This also was true at the community and technical colleges. The Utah student paid more than $300 per year, while students in surrounding states paid only token tuitions — or in some cases no tuitions at all.

Figure 3. Increasing System Appropriations



General Fund Appropriations in Millions of Dollars—1963-64 through 1971-72

*Includes 4% reduction by State action
**Includes 3% reduction by State action
***Original appropriation before 2% reduction by State action
****Includes deficit appropriations (1) to the University Hospital $1.9 million and (2) Dixie College $55,000

SOURCE: *Legislative Budget Recommendations Utah System of Higher Education, 1972-73 and 1971-72*, and *Financing Higher Education in Utah*, Coordinating Council of Higher Education, years 1963-64 through 1969-70

Tight Finances

Difficult management decisions characterize this tight financial climate. In order to protect instructional programs, institutions have eliminated some services. Faculty salaries have not grown as quickly as in other states. In 1971–72 Utah institutions were able to raise average salaries about 3 percent, while average salaries in other parts of the United States gained 7 to 9 percent.

The following tables contain some basic budget data. Detailed information is published separately.

Figure 4. Fee Comparisons

Basic Fees Charged Resident Students, U of U, and Comparable Universities, 1971-72

SOURCE: Tuition and/or Required Fees at Member Institutions of the National Association of State Universities and Land Grant Colleges, 1971-72.

Tables

TABLE 1 Summary of General Fund Appropriations (Including All Line Items) 1967-68 Through 1972-73. p. 77

TABLE 2 Revenue for Operations, By Institution, 1969-70 Through 1971-72. p. 78

TABLE 3 Expenditures for Operations, By Institution, 1969-70 Through 1971-72. p. 78

TABLE 4 Total Revenues for Education and General, By Institution, 1969-70 Through 1971-72. p. 80

TABLE 5 Total Student Credit Hours Produced, By Institution, 1967-68 Through 1971-72. p. 82

TABLE 6 Cost of Student Credit Hours Produced* By Institution, 1967-68 Through 1971-72. p. 83

TABLE 7 Total Tuition and Fees, Resident and Non Resident, By Institution, Four-Year Period, 1969-70 Through 1972-73, Including Statutory Minimum. p. 84

TABLE 8 Room and Board Rates, U of U, USU and Comparable Universities (Ranking Established on Basis of Median Combined Rates) 1970-71. p. 85

TABLE 9 Basic Fees Charged Resident and Nonresident Students, U of U, USU and Comparable Universities, 1971-72. p. 86

TABLE 10 Revenue and Expenditures for Board Administration And Statewide Programs, 1971-72. p. 87

TABLE 1

Utah System of Higher Education

Summary of General Fund Appropriations (Including All Line Items) 1967-68 Through 1972-73

Institution	1967-68	1968-69	1969-70	1970-71	1971-72
U of U	$15,314,822	$17,678,574	$18,923,200	$21,469,000	$25,402,000[8]
USU	7,862,206	8,903,196	10,115,000	11,169,000	12,474,000
WSC	3,593,082	4,127,044	4,925,000[5]	5,375,000	6,074,000
SUSC	1,169,523	1,284,465	1,491,000	1,655,000	1,925,000
Snow	474,134	530,686	672,000	736,000	846,000
Dixie	503,327	574,173	615,000	804,000	949,000[9]
CEU	427,460	441,280	488,000	545,000	638,000
UTC/P	665,612	753,361	825,000	895,000	1,069,000
UTC/SL	841,455	1,015,082	1,365,000	1,603,000	1,826,000
Board of Higher Education					
Administration[1]	159,000	147,000	200,000	338,000	434,000[7]
Statewide Programs[2]	437,700	436,500	380,800	731,000	740,000
USHE Total	$31,448,321[3]	$35,891,361[4]	$40,000,000	$46,320,000[6]	$52,377,000

[1]Appropriated by the Coordinating Council of Higher Education in years 1967-68, 1968-69.
[2]Includes: Title I, Veteran's Benefits, Student Loan, E.T.V., WICHE, Contingency Account, Computer Science and Uniform Accounting System.
[3]Original appropriation prior to a 4% reduction by State action.
[4]Original appropriation prior to a 3% reduction by State action.
[5]Includes $50,000 allocated to the State Board and then re-allocated to Weber for a Police Science Program.
[6]Original appropriation prior to a 2% reduction by State action.
[7]An additional $4,512 was later appropriated for merit system salary improvement.
[8]Includes $1,900,000 deficit appropriation made by the 1972 Legislature for FY 1971-72 for the University of Utah Hospital.
[9]Includes $55,000 deficit appropriation made by the 1972 Legislature for FY 1971-72.

Source: Laws of Utah.

TABLE 2

Utah System of Higher Education

Revenue for Operations, By Institution, 1969-70 Through 1971-72

Institution	1969-70 Actual General Fund Appropriations	%	1969-70 Actual Other Operating Revenue	%	Total (1969FL)
U of U	$18,923,200*	27	$51,514,240	73	$ 70,437,440
USU	10,113,417*	40	15,224,546	60	25,337,963
WSC	4,925,000	55	4,075,428	45	9,000,428
SUSC	1,501,000	58	1,085,263	42	2,586,263
Snow	687,000	64	392,682	36	1,079,682
Dixie	622,500	56	530,477	46	1,152,977
CEU	488,000	61	291,157	39	779,157
UTC/P	819,242	57	623,849	43	1,456,091
UTC/SL	1,365,000	64	783,727	36	2,148,727
Board of Higher Education					
Administration	266,469	82	59,431	18	325,900
Statewide Program	275,292	100	0	0	275,292
USHE Total	$39,999,120	35	$74,580,000	65	$114,579,920

*Balance of Appropriation lapsed.

TABLE 3

Utah System of Higher Education

Expenditures for Operations, By Institution, 1969-70 Through 1971-72

Institution	1971-72 Actual Education and General	1971-72 Actual Restricted Funds*	Total
U of U	$28,270,400	$42,167,040	$ 70,437,440
USU	12,409,025	12,928,938	25,337,963
WSC	7,680,855	1,319,573	9,000,428
SUSC	2,049,495	536,768	2,586,263
Snow	921,382	158,300	1,079,682
Dixie	1,055,403	97,574	1,952,977
CEU	696,386	82,771	779,157
UTC/P	1,323,149	132,942	1,456,091
UTC/SL	2,148,727	—	2,148,727
Board of Higher Education			
Administration	—	325,900	325,900
Statewide Program	—	275,292	275,292**
Total All Institutions	56,554,782	57,423,946	3,978,728
USHE Grand Total	$56,554,782	$58,025,138	$ 5,579,920

	1970-71 Actual					1971-72 Budgeted			
General Fund Appropriation	%	Other Operating Revenue	%	Total 100%	General Fund Appropriation	%	Other Operating Revenue	%	Total 100%
$20,980,800	27	$56,455,831	73	$ 77,436,631	$25,402,000	31	$56,913,422	69	$82,315,422
10,986,235	39	16,774,718	61	27,760,953	12,474,000	36	21,796,565	64	34,270,565
5,267,500	51	5,031,571	49	10,299,071	6,074,000	48	6,580,781	52	12,654,781
1,619,570	55	1,351,909	45	2,971,479	1,925,000	58	1,410,316	42	3,335,316
738,180	66	383,179	34	1,121,359	846,000	69	383,964	31	1,229,964
800,920	58	579,167	42	1,380,087	949,000	64	541,464	36	1,490,464
534,100	63	324,950	37	859,050	638,000	62	385,191	38	1,023,191
877,100	51	828,147	49	1,705,247	1,069,000	52	1,000,456	48	2,069,456
1,570,940	61	1,007,441	39	2,578,381	1,826,000	52	1,690,663	48	3,516,663
346,714	89	41,464	11	388,178	407,142[1]	90	43,656	10	450,798
661,001	98	10,180	02	671,181	738,793[1]	100	0	0	738,793
$44,383,060	35	$82,788,559	65	$127,171,617	$52,348,935	37	$90,746,498	63	$143,095,433

	1970-71 Actual				1972-71 Budgeted	
Education and General	Restricted Funds*	Total	Education and General	Restricted Funds*	Total
$30,548,600	$46,888,031	$ 77,436,631	$33,356,674	$48,958,748	$82,315,422
13,588,067	14,172,886	27,760,953	14,794,449	19,476,116	34,270,565
8,365,816	1,933,453	10,299,071	9,832,630	3,822,151	12,654,781
2,316,062	655,417	2,971,479	2,601,887	733,429	3,335,316
970,459	142,900	1,121,359	1,058,041	171,923	1,229,964
1,250,788	129,299	1,380,087	1,330,122	160,342	1,490,464
744,844	114,206	859,050	829,504	193,687	1,023,191
1,473,606	231,641	1,705,247	1,774,586	294,870	2,069,456
2,518,631	59,750	2,578,381	2,986,639	530,044	3,516,663
—	388,178	388,178	—	—	—
—	671,181**	671,181	—	450,798	450,798
1,784,873	64,327,583	136,112,456	—	738,793	738,793
$71,784,873	$85,386,542	$127,171,611	$67,564,532	$75,530,901	$143,095,433

TABLE 4

Utah System of Higher Education

Total Revenues for Education and General, By Institution, 1969-70 Through 1971-72

Institution	1969-70 Actual Appropriations	Student Fees	Other	Total	Appropriations
U of U	$15,211,200	$ 7,138,480	$5,920,800	$28,270,480	$17,250,900
USU	7,585,000	3,654,934	1,169,091	12,409,025	8,262,380
WSC	4,925,000	2,004,002	751,853	7,680,855	5,267,500
SUSC	1,501,000	460,920	87,535	2,049,455	1,682,700
Snow	687,000	192,184	42,198	921,382	738,180
Dixie	622,500	327,775	105,128	1,055,403	800,920
CEU	488,000	173,389	34,997	696,386	534,190
UTC/P	832,242	304,367	186,540	1,323,149	877,100
UTC/SL	1,365,000	429,972	343,755	2,148,727	1,570,940
Total	$33,216,942	$14,685,943	$8,651,897	$56,554,782	$38,904,720

Source: Office of the Commissioner as derived from 1972-73 Institutional Budget Requests.

1970-71 Actual			1971-72 Actual			
Student Fees	Other	Total	Appropriation	Student Fees	Other	Total
$ 7,685,600	$5,612,100	$30,548,600	$19,489,000	$8,982,726	$4,874,948	$33,356,674
3,548,629	1,777,958	13,588,067	9,616,000	3,832,837	1,345,612	14,794,449
2,195,059	903,257	8,365,816	6,019,000	2,026,472	787,158	8,832,630
558,108	155,254	2,216,062	1,910,000	586,472	105,415	2,601,887
191,901	43,378	978,459	846,000	188,818	23,223	1,058,041
274,202	75,606	1,250,788	949,000	329,654	51,468	1,330,122
145,438	65,306	744,844	628,000	139,299	73,215	829,594
353,339	443,157	1,472,685	1,964,000	479,589	231,997	1,774,586[1]
496,854	450,837	2,518,631	1,821,000	612,334	553,305	2,986,639
$15,554,130	$9,326,823	$61,784,873	$42,342,000	$17,176,191	$8,046,341	$67,564,532

TABLE 5

Utah System of Higher Education

Total Student Credit Hours Produced, By Institution, 1967-68 Through 1971-72

	1967-68	1968-69	1969-70	1970-71	1971-72
UNIVERSITIES					
University of Utah	737,270	791,724	845,194	868,758	928,827
Utah State University	391,327	399,554	379,198	376,586	372,596
FOUR YEAR COLLEGES					
Weber State College	314,546	338,236	354,275	361,827	919,34
Southern Utah State College	75,414	77,171	77,945	87,559	84,62
COMMUNITY COLLEGES					
Snow College	38,196	41,380	33,814	34,785	32,16
Dixie College	39,268	46,048	44,578	49,811	42,99
College of Eastern Utah	28,529	30,989	30,112	30,996	29,54
TECHNICAL COLLEGES					
Utah Technical College/Provo	52,316	57,368	63,377	73,181	86,92
Utah Technical College/Salt Lake	89,185	94,621	92,476	98,988	110,545
USHE	1,750,481	1,979,649	1,921,974	1,981,530	2,015,70

Source: *Annual Enrollment Analysis, 1971-72*

Note: Totals include summer, evening, extension and continuing education, but exclude high school.

TABLE 6

Utah System of Higher Education

Cost of Student Credit Hours Produced*
By Institution, 1967-68 Through 1971-72

	1967-68	1968-69	1969-70 **	1970-71 **	1971-72 **
UNIVERSITIES					
University of Utah	$25.34	$26.95	$33.45	$35.16	$35.94
Utah State University	23.57	25.56	32.73	36.08	39.71
FOUR-YEAR COLLEGES					
Weber State College	17.51	19.05	21.58	23.12	27.66
Southern Utah State College	20.87	23.26	26.29	26.45	30.75
COMMUNITY COLLEGES					
Snow College	17.40	18.24	27.91	28.13	32.86
Dixie College	21.99	21.09	23.68	25.52	30.27
College of Eastern Utah	20.18	20.17	23.13	24.13	28.03
TECHNICAL COLLEGES					
Utah Technical College/Provo	21.17	23.62	29.88	29.14	29.83
Utah Technical College/Salt Lake	17.93	18.09	23.24	25.45	25.20

*Total Revenues for Education and General divided by Total Student Credit hours produced.
**Includes reimbursed overhead.
Source: Office of the Commissioner as derived from the 1972-73 Institutional Budget Requests and Annual Enrollment Analyses.

TABLE 7

Utah System of Higher Education

Total Tuition and Fees, Resident and Non Resident, By Institution, Four-Year Period, 1969-70 Through 1972-73, Including Statutory Minimum

	1969-70		1970-71		1971-72		1972-73		Statutory Minimum Resident Tuition & Registration
	Res.	Non Res.	Res.	Non Res.	Res.	Non Res.	Res.	Non Res.	
U of U	$480.00	$1,065.00	$480.00	$1,065.00	$480.00	$1,155.00	$480.00	$1,155.00	$390.00
USU	426.00	936.00	436.00	942.00	438.00	948.00	438.00	948.00	345.00
WSC	375.00	780.00	405.00	810.00	405.00	810.00	405.00	810.00	270.00
SUSC	384.00	789.00	384.00	789.00	384.00	789.00	384.00	789.00	270.00
Snow	322.50	682.50	337.50	697.50	337.50	697.50	337.50	697.50	240.00
Dixie	348.00	704.00	367.00	727.00	367.00	727.00	365.00	725.00	240.00
CEU	321.00	681.00	327.00	687.00	327.00	687.00	327.00	687.00	240.00
UTC/P	300.00	927.00	309.00	936.00	309.00	936.00	309.00	936.00	240.00
UTC/SL	$300.00	$ 900.00	$300.00	$ 900.00	$300.00	$ 900.00	$300.00	$ 900.00	$240.00

Source: 1973-74 Institutional Budget Requests.

TABLE 8

Utah System of Higher Education

Room and Board Rates, U of U, USU and Comparable Universities (Ranking Established on Basis of Median Combined Rates) 1970-71

Rank	University	Room and Board
1	University of Colorado	1,135
2	Colorado State University	1,090
3	University of Nevada	1,088
4	University of New Mexico	1,080
5	University of Utah	1,051
6	University of Washington	1,020
7	Washington State University	1,000
8	Oregon State University	973
9	Arizona State University	967[1]
10	University of Oregon	960
11	Montana State University	956
12	University of Montana	954
13	University of Wyoming	943
14	University of Arizona	909
15	University of Idaho	860
16	Utah State University	850
17	New Mexico State University	750[1]

[1] Five Day Plan

Source: "Student Charges at 327 State Institutions"
The Chronicle of Higher Education, October 2, 1972 P. 4

TABLE 9

Utah System of Higher Education

Basic Fees[1] Charged Resident and Nonresident Students,
U of U, USU and Comparable Universities, 1971-72

University	Resident		Nonresident	
	Rank	Amount	Rank	Amount
Colorado State University	1	$567	2	$1,797
University of Colorado-Boulder	2	536	1	1,804
University of Nebraska-Lincoln	3	535	10	1,261
University of Nevada-Las Vegas	4	530	3	1,730
University of Nevada-Reno	5	519	4	1,719
Oregon State University	6	498	5	1,530
University of Washington[2]	7	495	6	1,359
University of Utah	8	480	14	1,155
University of Montana	9	471	8	1,319
New Mexico State University	10	466	9	1,296
Utah State University	11	438	16	948
University of New Mexico	12	430	11	1,260
University of Wyoming	13	390	7	1,356
University of Arizona	14	350	12	1,240
University of Idaho	15	346	15	1,146
Arizona State University	16	320	13	1,210
Washington State University[3]	17	247	17	679

[1]Fees are rounded to nearest dollar.

[2]Graduate and new students pay slightly higher fees.

[3]Graduate fees are slightly higher.

Source: U.S.H.E. 1972 Salary Survey.

TABLE 10

Utah System of Higher Education

Revenue and Expenditures for Board Administration And Statewide Programs, 1971-72

Revenue	Administration	Uniform Accounting	Total
Appropriation	$384,000	$50,000	$434,000
Salary Adjustment Increase	4,467		4,467
Net Appropriation	388,467	50,000	438,467
Federal Funds			
Veterans Administration	25,606		
Total I Administration	18,050		43,656
Total Funds Available	432,123	50,000	482,123
Expenditures			
Personal Services			
Salaries	269,465		269,465
Board Per Diem	8,237		8,237
Total	277,702		277,702
Employee Benefits	27,014		27,014
Total Personal Services & Benefits	304,716		304,716
Current Operating Expense	74,673	50,000	124,673
Travel	18,869		18,869
Capital Outlay	7,007		7,007
Total Expenditures	405,265	50,000	455,265
Unexpended Balance to Revert to State	$ 26,858	$ 0	$ 26,858

STATEWIDE PROGRAMS

Revenue	Student Loans	Interstate Cooperation	Statewide Television
Appropriation	100,000	69,000	431,000
Expenditures			
University of Utah	45,750		
Utah State University	22,095		
Weber State College	9,495		
Southern Utah State College	9,410		
Snow College	3,090		
Dixie College	3,055		
College of Eastern Utah	1,140		
Utah Technical College/Provo	5,965		
Dues		15,000	
Student Exchange Fees		52,800	
Statewide Television			56,993
University of Utah – KUED			250,000
University of Utah – County Translator System			63,000
Utah State University – KUSU			62,000
Total Expenditures	100,000	67,800	430,993
Balance to Revert to State	0	1,200	7

Source: Office of The Commissioner's Records.

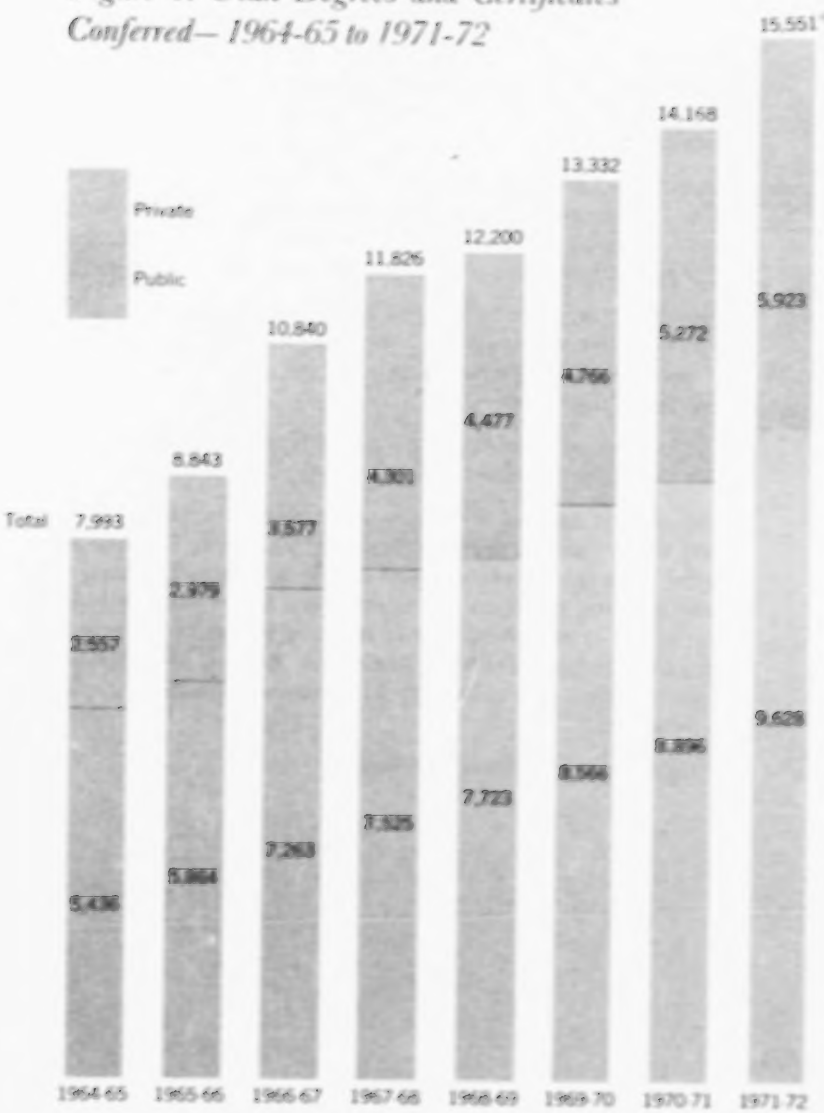
IV. Degrees Conferred

Small Graduate Increase

The number of graduates from Utah's public and private higher education institutions continued to increase in 1971–72. The percentage increase over 1970–71, however, showed the smallest gain since higher education enrollment growth began its sharp expansion following World War II.

State system institutions granted 9,628 degrees and certificates to students completing programs of at least one year's duration. The State's private institutions, Brigham Young University, Westminster College, Stevens-Henager College and LDS Business College awarded an additional 5,923 such degrees and certificates bringing the state total to 15,551. (See Figure 1.)

Figure 1. Utah Degrees and Certificates Conferred— 1964-65 to 1971-72



Degrees, Certificates and Other Formal Recognition Conferred, Public and Private Institutions, 1963-64 Through 1971-72

Source—HEGIS Report, 1964-65 to 1971-72

*Includes 320 degrees and certificates from LDS Business College and Stevens-Henager College whose awards were not previously reported.

In addition, information collected for this report showed these same public and private institutions granted an additional 3,752 awards, recognizing programs of less than one year's duration. These short-course awards provide proficiency certification in a great number of employable skills.

Career Education

Career education has dominated our state universities since World War II. Increased emphasis on vocational-technical subjects, likely was responsible for some of the increases in the number of less than four-year degrees awarded, 27 percent more than last year.

Growth at the bachelor's degree level was virtually stunted. There were only 14 more bachelor's degrees awarded this year at public institutions. At the private institutions, the rate of increase was about half the 1970–71 rate.

The increase in master's and doctorate degrees remained high, probably due to the "pipeline" effect.

The greatest number of degrees at, or above, the bachelor's degree level were again conferred in Business, Education, Engineering and Social Sciences. However, particularly at the public institutions, these numbers remained practically even. Social Sciences and Engineering accounted for 94, and 12 fewer degrees this year respectively. Education increased only by 38 degrees. Business and management degrees maintained a healthy 112 increase, matching continuing high demand.

Detailed degree information follows.

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TABLE 1

Utah System of Higher Education

Total Degrees Awarded[a], Public and Private Institutions, 1963-64 Through 1971-72, With Percentage Changes From Previous Years

	1963-64	1964-65		1965-66		1966-67		1967-68	
Level of Degree	No.	No.	Percent Increase Over 1963-64	No.	Percent Increase Over 1964-65	No.	Percent Increase Over 1965-66	No.	Percent Increase Over 1966-67
Bachelor's Degrees									
Public Institutions	2,864	3,192	11.5	3,523	10.4	3,917	11.2	4,128	5.4
Private Institutions	1,853	2,204	18.9	2,459	11.6	2,947	19.8	3,346	13.5
Total	4,717	5,396	14.4	5,982	10.9	6,864	14.7	7,474	8.9
Master's Degrees									
Public Institutions	569	715	48.0	782	9.4	924	18.2	912	-1.3
Private Institutions	268	270	.7	361	33.7	428	18.6	536	25.2
Total	770	985	28.9	1,143	16.0	1,352	18.3	1,448	7.1
First Professional	100	121	21.0	102	-15.7	125	22.6	139	11.2
Doctor's Degrees									
Public Institutions	107	112	4.7	149	33.0	194	30.2	201	3.6
Private Institutions	18	21	16.7	34	61.9	23	-32.4	46	100.0
Total	125	133	6.4	183	37.6	217	15.9	247	16.5
Total Degrees									
Public Institutions	3,576	4,148	15.7	4,556	10.0	5,160	13.3	5,380	4.3
Private Institutions	2,139	2,495	16.6	2,854	14.4	3,398	19.1	3,923	15.5
Total	5,715	6,625	16.0	7,410	11.7	8,558	15.5	9,306	8.8
Total Degrees Awarded Throughout U.S.[b]	617,718	667,592	8.1	716,626	7.0	773,375	8.2	871,832	12.7
Percent of U.S. Total From Utah Schools	.93%	.99%		1.04%		1.11%		1.07%	

[a]Does not include associate degrees.

[b]Includes three Master of Philosophy degrees awarded in Physics at the University of Utah. These degrees are the equivalent of doctoral degrees without dissertations.

[c]U.S., Department of Health, Education, and Welfare, Office of Education, Earned Degrees Conferred: 1967-68 Part A — Summary Data, by Mary Evans Hooper and Marjorie D. Chandler (Washington, D.C.: Government Printing Office, May, 1969), p. 3.

1968-69		1969-70		1970-71			1971-72		
No.	Percent Increase Over 1967-68	No.	Percent Increase Over 1968-69	No.	Percent Increase Over 1969-70	Percent of Total Degrees Awarded 1970-71	No.	Percent Increase Over 1970-71	Percent of Total Degrees Awarded 1971-72
4,446	7.7	4,913	10.5	5,120	4.2	42.8	5,134	.3%	41.3
3,611	7.9	3,924	8.7	4,267	8.7	35.6	4,461	4.5	35.9
8,057	7.8	8,837	9.7	9,387	6.5	78.5	9,595	2.2	77.2
1,096	20.2	1,202	9.7	1,312	9.2	10.9	1,407[b]	7.2	11.3
646	20.5	626	-3.1	704	12.5	5.9	761	8.1	6.1
1,742	20.3	1,828	4.9	2,010	10.3	16.8	2,168	7.5	17.4
151	8.6	153	1.3	166	8.5	1.4	179	7.8	1.5
267	32.8	349	30.7	317	-9.2	2.7	386	21.8	3.1
48	4.3	64	33.3	77	10.3	.6	105	36.4	.8
315	27.5	413	31.1	394	-4.6	3.3	491	24.6	3.9
5,960	10.8	6,617	11.0	6,915	4.5	57.9	7,106	2.8	57.2
4,305	9.7	4,614	7.2	5,048	9.4	42.1	5,327	5.5	42.8
10,265	10.3	11,231	9.4	11,963	6.5	100.0	12,433	3.9%	100.0
990,296[d]	13.6	1,072,581[c]	8.3	*1,119,000			1,175,600	5.0%	
1.04%		1.05%		1.07%			1.06%		

[a]U.S., Department of Health, Education, and Welfare, Office of Education, National Center for Educational Statistics, Bachelor's and Higher Degrees Conferred in Institutions of Higher Education by Level of Degree and Sex of Student: Aggregate United States, 1965-66 through 1969-70 (Washington, D.C.: Government Printing Office, August, 1971).

Source: Office of Education Higher Education General Information Survey (HEGIS Report), Degrees and Other Formal Awards Conferred between July 1, 1970 and June 30, 1971.

[c]Estimated, Projections of Educational Statistics to 1980-81, 1971 Edition.

TABLE 2

Utah System of Higher Education

Comparison of Degrees Conferred, 1962-63 to 1970-71, Utah Public and Private Institutions, By Level of Degree and Area of Study

Area of Study	Bachelor's Degrees 1962-63	1971-72	Increase	Master's Degrees 1962-63	1971-72	Increase	Doctor's Degrees 1962-63	1971-72	Increase	Total Degrees 1962-63	1971-72	Increase
Agriculture & Natural Resources	93	220	136.6%	17	35	105.9%	17	9	-47.1%	127	264	107.9%
Architecture & Environmental Design	20	60	200.0	–	16	–	–	–	–	20	76	280.0
Area Studies	–	12	–	–	1	–	–	–	–	–	13	–
Biological Sciences	195	472	142.1	31	68	119.4	12	74	516.7	238	614	158.0
Business & Management	537	1,229	128.9	68	368	441.2	4	7	75.0	609	1,604	163.4
Communications	–	168	–	–	15	–	–	–	–	–	183	–
Computer & Informational Sciences	–	145	–	–	10	–	–	–	–	–	155	–
Education	934	2,144	129.6	207	621	200.0	20	184	820.0	1,161	2,949	154.0
Engineering	332	644	94.0	47	232	393.6	11	55	400.0	390	931	138.7
English & Journalism	198	–	–	33	–	–	–	–	–	231	–	–
Fine & Applied Arts	225	364	61.8	44	81	84.1	2	4	100.0	271	449	65.7
Foreign Languages	132	316	139.4	9	38	322.2	–	9	–	141	363	157.4
Forestry	80	–	–	15	–	–	–	–	–	95	–	–
Geography	21	–	–	2	–	–	–	–	–	23	–	–
Health Professions[a]	149	307	106.0	12	64	433.3	49	69	40.8	210	440	109.5
Home Economics	224	423	88.8	11	39	254.5	–	2	–	235	464	97.4
Law[b]	–	8	–	–	–	–	–	117	–	–	125	–
Letters	–	664	–	–	75	–	2	24	1100.0	2	763	38105.0
Library Science	–	–	–	–	51	–	–	–	–	–	51	–
Mathematics	92	123	33.7	26	31	19.2	4	3	-25.0	122	157	28.7
Military Sciences	4	2	-50.0	–	–	–	–	–	–	4	2	-50.0
Philosophy	13	–	–	1	–	–	–	–	–	14	–	–
Physical Sciences[c]	144	233	61.8	33	76[c]	130.3	31	45	45.2	208	354	70.2
Psychology	97	407	319.6	19	41	115.8	9	30	233.3	125	478	282.4
Public Affairs & Services	–	178	–	–	194	–	–	1	–	–	373	–
Social Sciences	596	1,336	124.5	106	97	-8.5	2	29	1350.0	703	1,462	108.0
Theology	–	1	–	5	15	200.0	1	8	700.0	6	24	300.0
Trade & Industrial	29	–	–	13	–	–	–	–	–	42	–	–
Interdisciplinary	61	139	127.9	–	–	–	–	–	–	61	139	127.9
TOTAL	4,175	9,595	129.8%	699	2,168	210.2%	164	670	308.5%	5,038	12,433	146.8%

[a]Includes 62 M.D. first professional degrees at the doctoral level.
[b]Includes 117 J.D. first professional degrees at the doctoral level.
[c]Includes 3 Master of Philosophy degrees awarded at the University of Utah in Physics. These degrees are he equivalent of doctoral degrees without dissertations.
Source: HEGIS Reports 1962-63 and 1971-72.

TABLE 3

Utah System of Higher Education

Bachelor Degrees Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Institution

Institution	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	Ten-Year Total	% Inc. 1971-72 Over 1962-63
System Institutions:												
University of Utah	1,357	1,404	1,585	1,762	1,861	1,981	2,128	2,312	2,409	2,427	19,227	78.9%
Utah State University	1,173	1,153	1,181	1,196	1,340	1,349	1,366	1,481	1,521	1,573	13,333	34.1
Weber State College	—	307[a]	365	432	560	626	752	864	907	851	5,664	177.2[b]
Southern Utah State College	—	—	61[a]	133	156	172	200	256	283	283	1,364	363.9[c]
Totals for system inst.	2,530	2,864	3,192	3,523	3,917	4,128	4,446	4,913	5,120	5,134	39,588	102.9
Yearly percent increase	3.3%	13.2%	11.5%	10.4%	11.2%	5.4%	7.7%	10.5%	4.7%	.3%	—	—
Private Institutions:												
Brigham Young University	1,589	1,797	2,150	2,381	2,880	3,242	3,606	3785	4144	4,311	29,785	171.3
Westminster College	56	56	54	78	67	104	105	139	123	150	932	167.9
Totals for private inst.	1,645	1,853	2,204	2,459	2,947	3,611	3,346	3,924	4,267	4,461	30,717	171.2
Yearly percent increase	9.8%	12.6%	18.9%	11.6%	19.8%	13.5%	7.9%	8.7%	8.7%	4.5%	—	
Total bachelor's degrees awarded in Utah	4,175	4,717	5396	5,982	6,864	7,474	8,057	8,837	9,387	9,595	70,305	129.8
Yearly percent increase for all Utah institutions	5.8%	13.0%	14.4%	10.9%	14.7%	8.9%	7.8%	9.7%	6.5%	—	—	

[a]First bachelor's degrees awarded.
[b]Percent increase 1971-72 over 1963-64.
[c]Percent increase 1971-72 over 1964-65.

Source: HEGIS Reports 1962-63 to 1971-72.

TABLE 4

Utah System of Higher Education

Bachelor Degrees Conferred, 1967-68 Through 1971-72
By Utah Public and Private Institutions and Area of Study

	Public Institutions					
Area of Study	1967-68	1968-69	1969-70	1970-71	1971-72	5-Yr. Total
Agriculture & Natural Resources[1]	152	128	167	198	153	798
Architecture & Environmental Design	18	25	28	32	27	130
Area Studies					2	2
Biological Sciences	251	261	268	239	203	1,222
Business & Management	563	525	621	693	805	3,207
Communications[2]	33	31	27	49	57	197
Computer & Information Sciences	10	30	27	93	91	251
Education	810	989	995	1,060	1,098	4,952
Engineering[3]	345	354	438	421	409	1,967
Fine & Applied Arts[4]	146	125	160	165	195	791
Foreign Languages	101	94	110	93	98	496
Health Professions	145	142	127	225	202	841
Home Economics	128	137	169	192	136	762
Law[5]				22	8	30
Letters[6]	310	315	384	344	343	1,696
Mathematics	106	108	123	106	84	527
Military Sciences	5	1	2	2	2	12
Physical Sciences	107	140	149	158	156	710
Psychology	161	153	192	157	214	877
Public Affairs & Services[7]				15	96	111
Social Sciences[8]	731	880	917	852	746	4,126
Theology						
Interdisciplinary Studies[9]	6	8	9	4	9	36
Total	4,128	4,446	4,913	5,120	5,134	23,741
Percent Increase over Previous Year	5.4%	7.7%	10.5%	4.7%	.3%	–

[1]Agriculture & Natural Resources include Forestry.

[2]Communications include Journalism.

[3]Engineering includes Trade & Industrial Training.

[4]Fine & Applied Arts no longer include Speech.

[5]Law indicates bachelor degrees in Prelaw only.

[6]Letters include Speech, English, and Philosophy.

[7]Public Affairs & Services include Social Work and Public Administration.

[8]Social Sciences include Geography.

Private Institutions						Public & Private 5-Yr.	Percent of Total Degrees
1967-68	1968-69	1969-70	1971-72	Total	5-Yr. Total		
40	50	75	55	67	287	1,085	2.6%
			27	33	60	190	.4
			15	10	25	27	.1
198	206	192	266	269	1,131	2,353	5.4
393	370	390	423	424	2,000	5,207	12.0
			159	111	270	467	1.1
2	1	18	25	54	100	351	.8
711	812	919	965	1,046	4,453	9,405	21.7
86	155	174	214	235	864	2,831	6.5
103	128	128	252	169	780	1,571	3.6
216	209	187	166	218	996	1,492	3.4
40	60	32	59	105	296	1,137	2.6
219	244	344	318	287	1,412	2,174	5.0
						30	.1
256	270	290	211	321	1,348	3,044	7.0
66	35	62	47	39	249	776	1.8
						12	–
70	81	96	95	77	419	1,129	2.6
119	139	158	154	193	763	1,640	3.8
			132	82	214	325	.8
682	690	695	640	590	3,297	7,423	17.1
				1	1	1	–
145	161	164	44	130	644	680	1.6
3,346	3,611	3,924	4,267	4,461	19,609	43,350	100.0%
13.5%	7.9%	8.7%	8.7%	4.6%	–	–	–

[9]Interdisciplinary Studies replace Miscellaneous Studies.

Source: HEGIS Reports 1967-68 to 1971-72.

TABLE 5

Utah System of Higher Education
Total Bachelor's Degrees Awarded 1971-72
By Major Field of Study and Sex

Major Field of Study	U of U		USU		WSC	
	M	W	M	W	M	W
Agriculture & Natural Resources			150	3		
Architecture & Environmental Design	4		23			
Area Studies			1	1		
Biological Sciences	107	7	20	3	42	6
Business & Management	396	15	157	15	170	15
Communications	28	13	5	2	2	4
Computer & Information Sciences	39	1	16		34	1
Education	57	240	183	341	43	100
Engineering	188		174		45	
Fine & Applied Arts	44	65	31	31	13	6
Foreign Languages	25	31	7	9	13	3
Health Professions	61	98	25	5	3	10
Home Economics	1	60	6	45	1	18
Law			8			
Letters	85	135	21	38	11	35
Mathematics	46	12	5	1	13	3
Military Sciences	2					
Physical Sciences	99	3	21		26	2
Psychology	89	40	20	9	33	15
Public Affairs & Services			49	18	29	
Social Sciences	335	101	103	22	112	39
Theology						
Interdisciplinary Studies				5	3	1
Total	1,606	821	1,025	548	593	258
	2,427		1,573		851	
Percent of Total Bachelor's Degrees	25.3%		16.4%		8.9%	

Source: HEGIS Report 1971-72.

SUSC		TOTAL PUBLIC		BYU		WESTMINSTER		PRIVATE TOTAL		TOTAL	
M	W	M	W	M	W	M	W	M	W	M	W
		150	3	60	7			60	7	210	10
		27		8	25			8	25	35	25
		1	1	9	1			9	1	10	2
17	1	186	17	213	52	4		217	52	403	69
36	1	759	46	385	5	33	1	418	6	1,177	52
3		38	19	90	21			90	21	128	40
		89	2	47	7			47	7	136	9
63	71	346	752	218	798	11	19	229	817	575	1,569
2		409		235				235		644	
3	2	91	104	85	79	4	1	89	80	180	184
8	2	53	45	155	62		1	155	63	208	108
		89	113	17	75		13	17	88	106	201
	5	8	128	25	262			25	262	33	390
		8								8	
9	9	126	217	87	220	4	10	91	230	217	447
4		68	16	24	10	2	3	26	13	94	29
		2								2	
5		151	5	69	1	7		76	1	227	6
6	2	148	66	130	61	2		132	61	280	127
		78	18	25	57			25	57	103	75
23	11	573	173	433	123	27	7	460	130	1,033	303
						1		1		1	
		3	6	105	25			105	25	108	31
179	104	3,403	1,731	2,420	1,891	95	55	2,515	1,946	5,918	3,677
283		5,134		4,311		150		4,461		9,595	
2.9%		53.5%		44.9%		1.6%		46.5%		100.0%	

TABLE 6

Utah System of Higher Education

Total Yearly Bachelor Degrees Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Area of Study

Area of Study	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72
Agriculture & Natural Resources	93	70	72	87	88	72	126	177	253	220
Architecture & Environmental Design	20	18	15	13	25	18	25	28	59	60
Area Studies	–	–	–	–	–	–	–	–	15	12
Biological Sciences	195	258	305	361	422	448.5	467	460	505	472
Business & Management	537	579	725	809	916	956	894.5	1,010.5	1,116	1,229
Communications[1]	–	–	–	–	–	–	–	–	208	168
Computer & Informational Sciences	–	–	–	–	–	12	31	45	118	145
Education	934	1,127	1,143	1,230	1,299	1,521	1,803.5	1,914	2,025	2,144
Engineering[2]	332	318	331	357	384	352	371	421	635	644
English and Journalism[3]	198	264	308	362	497	419	429.5	480	–	–
Fine and Applied Arts	225	271	288	318	363	416	418	495.5	417	364
Foreign Languages	132	144	174	209	248	317	304	296.5	259	316
Forestry[4]	80	90	91	81	100	120	52	65	–	–
Geography[5]	21	12	28	30	32	42	54.5	63.5	–	–
Health Professions	149	109	142	152	186	185	202	159	284	307
Home Economics	224	260	303	356	355	347	381.5	513.5	510	423
Law	–	–	65	–	–	–	–	–	22	8
Letters	–	–	–	–	–	–	–	–	555	664
Mathematics	92	101	144	129	166	172	143.5	184.5	153	123
Military Sciences	4	8	6	7	4	5	1	2	2	2
Philosophy[6]	13	10	17	19	18	13.5	20	13	–	–
Physical Sciences	144	129	141	184	185	177	221	245.5	276	233
Psychology	97	139	158	196	224	279.5	292	350	288	407
Public Affairs & Services[7]	–	–	–	–	–	–	–	–	147	178
Social Sciences	595	712	892	1,006	1,115	1,371.5	1,515	1,549	1,492	1,336
Trade & Industrial	29	61	45	56	170	79	136	191.5	–	–
Theology	-1	-1	-1	–	–	–	–	–	–	1
Interdisciplinary[8]	60	36	67	21	27	151	169	173	48	139
Total	4,175	4,717	5,461	5,982	6,864	7,474	8,057	8,837	9,387	9,595

[1]Includes Journalism & Speech, formerly listed elsewhere.
[2]Includes Trade & Industrial, formerly listed separately.
[3]English now listed under Letters.
[4]Forestry now listed under Agriculture & Natural Resources.
[5]Geography now listed under Letter.
[6]Philosophy now listed under Letters.
[7]Formerly part of Social Sciences.
[8]Formerly Miscellaneous.

Source: HEGIS Reports, 1962-63 to 1971-72.

TABLE 7

Utah System of Higher Education
Total Bachelor's Degrees Awarded 1971-72
By Major Field of Study and Sex

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Agriculture & Natural Resources																		
Agronomy			2						2		10				10		12	
Animal Science			12	1					12	1	23				23		35	1
Dairy Science			5						5								5	
Fish, Game, & Wildlife Management			57						57								57	
Horticulture			2	1					2	1	1				1		3	1
Agricultural Economics			20						20		16				16		36	
Food Science & Technology			4						4		2	7			2	7	6	7
Forestry				1						1								1
Natural Resources Management			19						19								19	
Agriculture & Forestry Management			16						16								16	
Range Management			13						13		8				8		21	
Architecture & Environmental Design																		
Environmental Design, General											8	25			8	25	8	25
Architecture	4								4								4	
Landscape Architecture			23						23								23	
Area Studies																		
Asian Studies, General											5				5		5	
Latin American Studies											3				3		3	
European Studies, General											1	1			1	1	1	1
American Studies			1	1					1	1							1	1
Biological Sciences																		
Biology, General	77	5					4		81	5			4		4		85	5

TABLE 7 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Botany, General			2	1	9		5		16	1	9	3			9	3	25	4
Bacteriology			3	1					3	1							3	1
Plant Pathology			5						5								5	
Zoology, General			7	1	25	3	8	1	40	5	179	16			179	16	219	21
Physiology, Human and Animal			1						1								1	
Microbiology	10				8	3			18	3	25	33			25	33	43	36
Entomology			2						2								2	
Medical Biology	20	2							20	2							20	2
Business & Management																		
Accounting	144	5	38	2	57	4	18		257	11	165	3			165	3	422	14
Business Statistics											3				3		3	
Banking & Finance	99	1	33		10				142	1							142	1
Business Management & Administration	104	6			65	1	18		187	7	204	2	33	1	237	3	424	10
Marketing & Purchasing	49	3	40	2	20				109	5							109	5
Secretarial Studies					2	10		1	2	11							2	11
Labor & Industrial Relations			8						8								8	
Business Economics			15	1	16				31	1	13				13		44	1
Production Management			9						9								9	
Office Administration			14	10					14	10							14	10
Communications																		
Communications, General							3		3		90	21			90	21	93	21
Journalism	28	13	5	2	2	3			35	18							35	18
Speech (Theatre)						1				1								1
Computer & Information Sciences																		
Computer & Information Sciences, General	39	1	16						55	1	47	7			47	7	102	8
Data Processing					34	1			34	1							34	1

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USC M	USC W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Education																		
Education, General											54	533			54	533	54	533
Elementary Education, General	11	189	26	193	2	80	9	47	48	509			2	15	2	15	50	524
Secondary Education, General			27	18					27	18							27	18
Special Education, General			3	10					3	10	1	11			1	11	4	21
Special Learning Disabilities			6	15					6	15							6	15
Art Education					4	4	2		6	4			1	1	1	1	7	5
Music Education					2		1	3	3	3							3	3
Mathematics Education			3	2					3	2				2		2	3	4
Physical Education	28	26	28	20	11	4	32	12	99	62	75	66	8	1	83	67	182	129
Health Education	18	17	1	7					19	24							19	24
Business, Commerce, & Distributive Education			47	23	1	5	5	9	53	37	11	62			11	62	64	99
Industrial Arts, Vocational & Technical Education			28				14		42		48				48		90	
Agricultural Education			14						14								14	
Home Economics Education		8		52						60		104				104		164
Nursing Education				1						1								1
Physical Education Nonteaching					23	7			23	7							23	7
Recreation Education											29	22			29	22	29	22
Engineering																		
Chemical Engineering	23								23		19				19		42	
Civil, Construction, and Transportation Engineering	30		32						62		35				35		97	
Electrical, Electronics, and Communications Engineering	67		26						93		74				74		167	
Mechanical Engineering	36		31						67		43				43		110	
Geological Engineering	3								3								3	
Industrial & Management Engineering	9		31						40								40	
Metallurgical Engineering	13								13								13	
Materials Engineering	4								4								4	
Ceramic Engineering	1								1								1	
Mining and Mineral Engineering	2								2								2	
Engineering Technologies			44		45		2		91		64				64		155	
Manufacturing Engineering			10						10								10	

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Fine and Applied Arts																		
Art (Painting, Drawing, Sculpture)	20	22	16	14	5	3	2	1	43	40	51	39	1	1	52	40	95	80
Music (Performing, Composition, Theory)								1		1	34	40			34	40	34	41
Music (Liberal Arts Program)	15	15	11	12	4	1			30	32			3		3		33	32
Dramatic Arts	8	8	4	5	3	1	1		16	14							16	14
Dance	1	16							1	16							1	16
Art, Commercial					1	1			1	1							1	1
Foreign Languages																		
French	6	12	1	1	2				9	13	22	15			22	15	31	28
German	6	4	5	2	3	2	4	1	18	9	33	11			33	11	51	20
Spanish	5	12	1	6	6	1	4	1	16	20	79	29		1	79	30	97	50
Russian	3	2							3	2	2	2			2	2	5	4
Chinese											4	1			4	1	4	1
Japanese											4				4		4	
Latin	1	1							1	1	2	3			2	3	3	4
Greek, Classical	2								2								2	
Arabic	2								2								2	
Portuguese											9				9		9	
Health Professions																		
Health Professions, General											15	9			15	9	15	9
Nursing (Baccalaureate and Higher Programs)	3	43							3	43	2	67		13	2	80	5	123
Dental Specialties (Work Beyond First Professional Degree, D.D.S. or D.M.D.)			2						2								2	
Medical Specialties (Work Beyond First Professional Degree, M.D.)			12						12								12	
Pharmacy	23	9							23	9							23	9
Physical Therapy	12	6							12	6							12	6

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Public Health			6	2					6	2							6	2
Veterinary Medicine Specialties (Work Beyond First Professional Degree, D.V.M.)			3						3								3	
Speech Pathology and Audiology	9	24							9	24							9	24
Medical Laboratory Technologies (Baccalaureate and Higher Programs)	5	16	2	3	3	10			10	29							10	29
Home Economics																		
Home Economics, General	1	28						5	1	33							1	33
Clothing and Textiles		14	3	12					3	26	1	51			1	51	4	77
Consumer Economics & Home Management				1						1		12				12		13
Family Relations and Child Development		9	2	26	1	18			3	53	22	194			22	194	25	247
Foods and Nutrition		9	1	6					1	15	2	5			2	5	3	20
Law																		
Law, General			8						8								8	
Letters																		
English	47	117	11	31	8	31	3	7	69	186	49	139	3	10	52	149	121	335
Speech, Debate, and Forensic Science	10	14	8	7	3	4	6	2	25	27	38	81	1		39	81	74	108
Philosophy	20	4	2						22	4							22	4
Mathematics																		
Mathematics, General	40	12	4	1	13	3	4		61	16	21	9	2	3	23	12	90	29
Statistics, Mathematical & Theoretical			1						1		3	1			3	1	4	1
Military Sciences																		
Military Science (Army)	2								2								2	

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Physical Sciences																		
Physical Sciences, General					1		3		4				3		3		7	
Physics, General	22		2		6				30		35				35		65	
Chemistry, General	35	1	8		8	2	2		44	3	34	1	1		35	1	79	4
Atmospheric Sciences & Meteorology	26								26								26	
Geology	18		11		11				40				3		3		43	
Geophysics and Seismology	5	2							5	2							5	2
Mineralogy	2								2								2	
Psychology																		
Psychology, General	89	40	20	9	23	15	6	2	148	66	130	61	2		132	61	280	127
Public Affairs and Services																		
Parks and Recreation Management			40	2					40	2							40	2
Social Work & Helping Services			9	16					9	16	25	57			25	57	34	73
Police Science					29				29								29	
Social Sciences																		
Social Sciences, General					2	1	2		4	1				1		1	4	2
Anthropology	10	6		1					10	7	7	2			7	2	22	9
Archaeology											5	5			5	5	5	5
Economics	37	1							37	1	48				48		85	1
History	56	25	32	7	30	11	2	1	120	44	102	43	9	2	111	45	231	89
Geography	35	3	9	1	11	1			55	5	23	2			23	2	78	7
Political Science & Government	111	14	47	2	23	1	3		194	17	131	6	1		132	6	326	23
Sociology	81	52	15	11	36	25	16	10	148	98	111	59	4	2	115	61	263	159
International Relations											6	6			6	6	6	6
Behavioral Sciences													13	2	13	2	13	2
Theology																		
Theological Professions, General													1		1		1	

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Interdisciplinary Studies																		
General Liberal Arts & Sciences				5						5								5
Biological & Physical Sciences					3	1			3	1							3	1
Humanities & Social Sciences											7	8			7	8	7	8
Youth Leadership											24	4			24	4	24	4
Genealogy Technology											13	8			13	8	13	8
Law Enforcement											61	5			61	5	61	5
Grand Total	1,606	821	1,025	548	593	258	179	104	3403	1,731	2,420	1,891	95	55	2,515	1,946	5,918	3,677
	2,427		1,573		851		283		5,134		4,311		150		4,461		9,595	

Source: HEGIS Report 1971-72.

TABLE 8

Utah System of Higher Education

Master's Degrees Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Institution

Institution	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	Ten-Year Total	% Inc. 1971-72 Over 1962-63
System Institutions:												
University of Utah	298	321	440	469	532	573	666	735	885	966[1]	5,874	219.5
Utah State University	195	187	275	313	392	339	427	467	427	452	3,474	131.8
Totals for system inst.	493	508	715	782	924	912	1,093	1,202	1,312	1,407	9,348	184.8
Yearly percent increase	11.6%	3.0%	40.7%	9.4%	18.2%	−1.3%	19.8%	10.0%	8.6%	7.2%	–	–
Private Institutions:												
Brigham Young University	206	268	270	361	428	536	643	624	704	757	4,797	269.3
Westminster	—	—	—	—	—	—	3	2	—	4	9	–
Totals for private inst.	206	268	270	361	428	536	646	626	704	761	4,806	269.4
Yearly percent increase	13.2%	30.1%	0.7%	33.7%	18.6%	25.2%	20.0%	3.0%	12.5%	8.1%	–	–
Total master's degrees awarded in Utah	699	776	985	1,143	1,352	1,448	1,739	1,828	2,016	2,168	14,154	209.7
Yearly percent increase for all Utah inst.	12.0%	11.0%	26.9%	16.0%	18.3%	7.1%	20.1%	5.1%	10.0%	7.5%	–	–

Source: HEGIS Reports 1962-63 to 1971-72.

[1]Includes three Master of Philosophy degrees awarded in Physics. These degrees are the equivalent of doctoral degrees without dissertations.

TABLE 9

Utah System of Higher Education

Total Yearly Master's Degrees Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Area of Study

Area of Study	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71[a]	1971-72
Agriculture & Natural Resources	17	24	17	26	25	12	33	28	34	36
Architecture & Environmental Design		1	1			1		1	5	16
Area Studies									2	1
Biological Sciences	31	39	45	48	72	65	72	75	49	68
Business & Management	68	73	102	158	205	187	244	217	363	368
Communications									16	16
Computer & Information Sciences						3	5	4	5	10
Education	207	217	314	328	368	396	531	571	609	621
Engineering	47	73	76	120	128	157	205	200	252	232
English & Journalism	33	35	28	41	69	48	49	60		
Fine & Applied Arts	44	43	54	77	71	65	80	80	64	81
Foreign Languages	9	14	12	15	31	25	26	39	29	38
Forestry	15	6	16	9	13	19	11	16		
Geography	2	1	3	3	6	8	12	7		
Health Professions	12	18	17	13	12	13	16	20	48	64
Home Economics	11	19	16	25	20	23	42	32	29	39
Letters									74	79
Library Science						21	23	31	43	51
Mathematics	26	13	52	19	35	41	27	33	35	31
Philosophy	1		1	2	4		3	4		
Physical Sciences	33	37	47	41	37	45	35	48	38	76[b]
Psychology	19	34	22	29	21	44	44	38	29	41
Public Affairs & Services									154	194
Social Sciences	106	101	128	151	209	208	263	294	119	97
Theology	5	14	14	11	4	14	16	9	19	16
Trade & Industrial	13	9	1	27	22					
Interdisciplinary		5	19			53	12	21		
Totals	699	776	986	1,143	1,352	1,448	1,739	1,828	2,016	2,168

[a]As of the 1970-71 academic year, Agriculture & Natural Resources included Forestry, which was previously listed separately. Communications included Journalism, which was previously listed under English. Engineering included Industrial Arts and Trade Technology, which were previously listed separately. Letters included English, Speech, and philosophy, which were previously listed under English, Fine & Applied Arts, and Philosophy, respectively. And Social Sciences excluded Public Affairs & Services, which was henceforth listed separately.

[b]Physical Sciences include three Master of Philosophy degrees awarded in Physics at the University of Utah. These degrees are the equivalent of doctoral degrees without dissertations.

Sources: HEGIS Reports, 1962-63 to 1971-72.

TABLE 10

Utah System of Higher Education

Master's Degrees, Utah Public and Private Institutions,
1967-68 Through 1971-72, By Area of Study

Area of Study	Public Institutions					
	1967-68	1968-69	1969-70	1970-71	1971-72	5-Yr. Total
Agriculture & Natural Resources[1]	29	42	42	32	32	177
Architecture & Environmental Design	1	—	1	5	16	23
Area Studies	—	—	—	—	–	–
Biological Sciences	42	41	48	32	45	208
Business & Management	130	181	157	313	286	1,067
Communications[2]	—	1	5	—	5	11
Computer & Information Services	3	5	4	5	10	27
Education	205	294	367	389	385	1,640
Engineering	104	146	143	162	145	700
Fine & Applied Arts[3]	37	40	36	34	63	210
Foreign Language	9	10	13	14	16	62
Health Professions	13	16	20	27	53	129
Home Economics	14	21	16	17	20	88
Library Science	—	2	8	—	14	24
Letters[4]	42	36	56	46	49	229
Mathematics	26	14	17	20	25	102
Physical Sciences[6]	32	20	36	28	43	159
Psychology	29	30	26	11	27	123
Public Affairs & Services[5]	—	—	—	90	107	197
Social Services[7]	159	197	207	87	66	716
Interdisciplinary Studies[8]	37	—	—	—		37
Theology	—	—	—	—		
Total	912	1,096	1,202	1,312	1,407	5,929
Percent Increase over Previous Year	1.3%	20.2%	9.7%	8.7%	7.2%	

[1]Agriculture & Natural Resources include Forestry.
[2]Communications include Journalism.
[3]Fine & Applied Arts no longer include Speech.
[4]Letters include Speech, English, and Philosophy.
[5]Public Affairs & Services include Social Work and Public Administration.

Private Institutions							
1967-68	1968-69	1969-70	1970-71	1971-72	5-Yr. Total	Public & Private 5-Yr. Total	Percent of Total Degrees
2	2	2	2	3	11	188	2.0%
—	—	—	—	-	-	23	.3
—	—	—	2	1	3	3	-
23	31	27	17	23	121	329	3.6
57	63	60	50	82	312	1,379	15.0
—	—	—	16	10	26	37	.4
—	—	—	—	—	—	27	.3
191	240	204	220	236	1,091	2,731	29.7
53	59	57	90	87	346	1,046	11.3
11	18	20	30	18	97	307	3.3
16	16	26	15	22	95	157	1.7
—	—	—	21	11	32	161	1.8
9	21	16	12	19	77	165	1.8
21	21	23	43	37	145	169	1.8
23	37	27	28	26	141	370	4.0
15	13	16	15	6	65	167	1.8
13	15	12	10	33	83	242	2.6
15	14	12	18	14	73	196	2.1
—	—	—	64	87	151	348	3.8
57	68	94	32	31	282	998	10.9
30	28	30	—	-	88	125	1.4
—	—	—	19	15	34	34	.4
536	646	626	704	761	3,273	9,202	100.0%
25.2%	20.5%	−3.1%	12.5%	8.0%	—	—	—

[6]Physical Sciences includes three Master of Philosophy degrees awarded in Physics at the University of Utah during the 1971-72 academic year.

These degrees are equivalent to doctoral degrees without dissertations.

[7]Social Services include Geography.

[8]Interdisciplinary Studies replace Miscellaneous Studies.

Sources: HEGIS Reports, 1967-68 to 1971-72.

TABLE 11

Utah System of Higher Education

Doctorates (Including J.D.s and M.D.s) Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Institution

Institution	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	Ten Year Total
System Institutions:											
University of Utah											
Ph.D. & Ed.D.	81	81	92	113	138	142	193	248	238	279	1,605
M.D.	47	47	56	44	52	54	65	63	68	62	558
J.D. (LL.B.)	40	53	65	58	73	85	86	90	98	117	765
Total	168	181	213	215	263	281	344	401	404	458	2,928
Utah State University											
Ph.D. & Ed.D.	30	26	20	36	56	59	74	101	79	107	588
Total Doctorates (inc. J.D.s & M.D.s) conferred in system	198	207	233	251	319	340	418	502	483	565	3,516
Percent increase over previous year	21.5%	4.5%	12.6%	7.7%	27.1%	6.6%	22.9%	20.1%	−4.0%	17.0%	
Total Ph.D.s & Ed.D.s conferred in system	111	107	112	149	194	201	267	349	317	386	2,193
Percent increase over previous year	41.6%	−1.8%	0.0%	39.3%	30.2%	3.6%	32.8%	30.7%	-9.2	21.8%	
Private Institutions:											
Brigham Young University											
Ph.D. & Ed.D.	6	18	21	34	23	46	48	64	77	105	442
Total Ph.D.s & Ed.D.s conferred in Utah	117	125	133	183	217	247	315	413	394	491	2,635
Percent increase over previous year	33.0%	6.8%	6.4%	37.6%	18.6%	13.8%	27.5%	31.1%	-4.6%	24.6%	
Total Doctorates (inc. J.D.s & M.D.s) conferred in Utah	204	225	254	285	342	386	466	566	560	670	3,958
Percent increase over previous year	20.7%	10.3%	12.9%	12.2%	20.0%	12.9%	20.7%	21.5%	1.1%	19.6%	

Sources: HEGIS Reports, 1962-63 to 1971-72

TABLE 12

Utah System of Higher Education

Total Yearly Doctorates Conferred, Utah Public and Private Institutions, 1962-63 Through 1971-72, By Area of Study

Area of Study	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72
Agriculture & Natural Resources	17	10	6	15	21	12	15	13	24	9
Architecture & Environmental Design	....	....	....	....	....	....	....	....	....	.
Area Studies	....	....	....	....	....	....	....	....	....	.
Biological Sciences	12	15	10	15	17	25	38	60	49	74
Business & Management	4	....	....	1	1	2	4	2	2	7
Communications	....	....	....	....	....	....	....	....	....	.
Computer & Information Sciences	....	....	....	....	....	....	....	....	....	.
Education	20	31	37	44	54	76	109	147	136	184
Engineering	11	20	20	16	29	33	43	47	35	55
Fine & Applied Arts	2	3	2	1	3	4	2	1	11	4
Foreign Languages	....	....	2	2	....	1	2	4	7	9
Health Professions	49	52	61	46	5	....	1	....	1	7
Home Economics	....	....	1	2	2	1	4	2	6	2
Law	....	....	....	....	....	....	....	....	....	.
Letters	2	3	1	6	5	4	6	8	19	24
Library Sciences	....	....	....	....	....	....	....	....	....	.
Mathematics	4	1	7	11	6	4	6	7	8	3
Military Sciences	....	....	....	....	....	....	....	....	....	.
Physical Sciences	31	27	31	44	46	44	42	64	56	45
Psychology	9	6	7	13	16	24	21	32	16	30
Public Affairs & Services	....	....	....	....	....	....	....	....	....	1
Social Sciences	2	3	3	9	12	12	19	25	19	29
Theology	1	1	1	2	2	4	3	1	5	8
Interdisciplinary Studies	....	....	....	....	....	1	....	....	....	.
TOTAL	164	172	189	227	217	247	315	413	394	491

Sources: HEGIS Report 1962-63 to 1971-72. Ecludes first professional degrees.

TABLE 13

Utah System of Higher Education

Doctorates Conferred, Utah Public and Private Institutions,
1967-68 Through 1971-72 By Area of Study

	Public Institutions				
Area of Study	1967-68	1968-69	1969-70	1970-71	1971-72
Agriculture & Natural Resources[1]	12	15	13	24	9
Biological Sciences	24	34	55	39	64
Business & Managment	2	4	2	2	7
Education	54	82	120	104	127
Engineering	32	43	46	35	52
Fine & Applied Arts[2]	4	2	1	8	1
Foreign Language	1	1	2	5	7
Health Professions	—	1	—	1	7
Home Economics	1	4	1	—	1
Letters[3]	3	6	8	19	24
Mathematics	4	6	7	8	3
Physical Sciences	32	34	44	42	34
Psychology	21	17	28	13	21
Public Affairs & Services				1	1
Social Sciences[4]	11	18	22	17	28
Theology	—	—	—	—	
Total	201	267	349	317	386
Percent Increase over Previous Year	3.6%	32.8%	30.7%	-9.2%	21.8%

[1]Agriculture & Natural Resources include Forestry.
[2]Fine & Applied Arts no longer include Speech.
[3]Letters include Speech, English, and Philosophy.
[4]Social Sciences include Geography.

Source: HEGIS Reports: 1967-68 to 1971-72.

Private Institutions								
5-Yr. Total	1967-68	1968-69	1969-70	1970-71	1971-72	5-Yr. Total	Public & Private 5-Yr.	Percent of Total
73	—	—	—	—	–	–	73	4.0
216	1	4	5	10	10	30	246	13.4
17	—	—	—	—	–	–	17	.9
487	2	27	27	32	57	145	632	34.4
208	1	—	1	—	3	5	213	11.6
16	—	—	—	3	3	6	22	1.2
16	—	1	2	2	2	7	23	1.2
9	—	—	—	—	–	–	9	.5
7	—	—	1	6	1	8	15	.8
60	1	—	—	—	–	1	61	3.3
28	—	—	—	—	–	–	28	1.5
186	12	8	20	14	11	65	251	13.6
100	3	4	4	3	9	23	123	6.7
							1	–
96	1	1	3	2	1	8	104	5.7
	4	3	1	5	8	21	21	1.2
1,520	25	48	64	77	105	319	1,839	100.0%
	8.7%	4.3%	33.3%	20.3%	36.4%	—	–	–

TABLE 14
Utah System of Higher Education
First Professional Degrees Conferred by Sex and Field of Study
At The University of Utah*
1967-68 Through 1971-72

	1967-68		1968-69		1969-70	
Major Field of Study	M	W	M	W	M	W
Law (LL.B. or J.D.)	83	2	82	4	88	2
Medicine (M.D.)	54		64	1	61	2
Total	137	2	146	5	149	4
	139		151		153	
Percentage Increase Over Previous Year	11.2%		8.6%		1.3%	

*The University of Utah is the only institution offering professional degrees in the State of Utah.

Source: HEGIS Report 1971-72.

TABLE 15
Utah System of Higher Education
Master's and Doctor's Degrees Conferred 1971-72
By Sex of Student and General Area of Study

	Master's							
	U of U		USU		Total Public		BYU	
Area of Study	M	W	M	W	M	W	M	W
Agriculture & Natural Resources			32		32		3	
Architecture & Environmental Design	13	1	2		15	1		
Area Studies							1	
Biological Sciences	12	4	27	2	39	6	23	
Business & Management	191	6	88	1	279	7	81	1
Communications	4	1			4	1	7	3
Computer & Information Sciences	9	1			9	1		
Education	155	115	72	43	227	158	144	88
Engineering	78	3	64		142	3	87	
Fine & Applied Arts	22	24	13	4	35	28	9	9
Foreign Languages	13	3			13	3	15	7
Health Professions	6	46	1		7	46	6	5
Home Economics	1	1	3	15	4	16	6	13
Letters	17	23	3	6	20	29	12	14
Library Science			7	7	7	7	14	23
Mathematics	1	3	17	4	18	7	6	
Physical Sciences[1]	34	1	8		42	1	30	3
Psychology	15	3	8	1	23	4	11	3
Public Affairs & Services	74	33			74	33	85	2
Social Sciences	35	7	19	5	54	12	28	3
Theology							14	1
Totals	680	275	364	88	1,044	363	582	175
	955		452		1,407		757	
Percent of Total Degrees	44.0%		20.9%		64.9%		34.9%	

*Does not include first professional degrees.
[1]Includes three Master of Philosophy degrees awarded in Physics at University of Utah. These degrees are the equivalent of doctoral degrees without dissertations.
Source: HEGIS Report 1971-72.

1970-71		1971-72		5-Yr. Total		% of Total
M	W	M	W	M	W	Degrees
97	1	113	4	463	13	60.4%
65	3	61	1	305	7	39.6%
162	4	174	5	768	20	100.0%
166		179		788		
8.5%		7.8%				

Master's				Doctor's									
West chester*		Total		U of U		USU		Total Public		BYU		Total	
M	W	M	W	M	W	M	W	M	W	M	W	M	W
		35				9		9				9	
		15	1										
		1											
		62	6	31	6	25	2	56	8	10		66	8
		260	8	3		4		7				7	
		11	4										
		9	1										
1	3	272	249	76	18	33		109	18	53	4	162	22
		229	3	33		19		52		3		55	
		44	37	1				1		3		4	
		28	10	7				7		1	1	8	1
		13	51	4	1	2		6	1			6	1
		10	29				1		1	1		1	1
		32	43	29	4			29	4			29	4
		21	30										
		24	7	3				3				3	
		72	4	31		3		34		10	1	44	1
		34	7	12	3	3	3	15	6	9		24	6
		159	35	1				1				1	
		62	15	20	5	3		23	5	1		24	5
		14	1							8		8	
1	3	1,827	541	242	37	101	6	343	43	99	6	442	49
4		2,168		279		107		386		105		491	
2%		100.0%		56.8%		21.8%		78.6%		21.4%		100.0%	

TABLE 16
Utah System of Higher Education
Total Master's and Doctor's Degrees Awarded 1971-72
By Major Field of Study and Sex

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources																						
Agronomy									1		1											
Soils Science			8		8						8				2		2				2	
Animal Science			2		2				1		3				2		2				2	
Fish, Game, & Wildlife Management			9		9						9				3		3				3	
Forestry			11		11						11				2		2				2	
Agriculture & Forestry Technology			2		2						2											
Range Management									1		1											
Architecture & Environmental Design																						
Architecture	13	1			13	1					13	1										
Landscape Architecture			2		2						2											
Area Studies																						
Asian Studies, General									1		1											
Biological Sciences																						
Biology, General	7	2			7	2					7	2	14	5			14	5			14	5
Botany, General			4	1	4	1			5		9	1					4		2		6	
Bacteriology			4		4						4				4							
Plant Pathology			5		5						5				1	1	1	1			1	1
Zoology, General			3	1	3	1			13		16	1			8		8		5		13	
Pharmacology, Human & Animal													6				6				6	
Microbiology	2	1			2	1			4		6	1	2				2		1		3	
Anatomy	2	1			2	1					2	1	4	1			4	1			4	1
Biochemistry			1		1						1		5				5		2		7	
Ecology			5		5						5				7		7				7	
Entomology									1		1											
Nutrition, Scientific			5		5						5				3		3				3	
Toxicology															2	1	2	1			2	1
Pharmacognosy1				1						1												

TABLE 10 (Cont.)

Major Field of Study	Masters												Doctors									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Business & Management																						
Accounting			23	1	23	1			15	1	38	2										
Business Management & Administration	191	5	43		234	5			66		300	5	3				3				3	
Labor & Industrial Relations		1				1						1										
Business Economics			22		22						22				4		4				4	
Communications																						
Communications, General									7	3	7	3										
Journalism	4	1			4	1					4	1										
Computer & Information Sciences																						
Computer & Information Sciences, General	9	1			9	1					9	1										
Education																						
Education, General	30	26			30	26					30	26	5	6			5	6			5	6
Elementary Education, General	1	12	3	7	4	19	1	3	3	2	8	24							1		1	
Secondary Education, General	22	14	13	7	35	21					35	21										
Junior & Community College Education, General																			1		1	
Special Education, General	17	27	8	6	25	43			5	7	30	50							1	2	1	2
Speech Correction									10	13	10	13										
Special Learning Disabilities			9	11	9	11					9	11										
Social Foundations	10	3			10	3					10	3	2				2				2	
Educational Psychology	41	15			41	15			5	2	46	17	18	7			18	7	6		24	7
Educational Administration	16	2	19		35	2			21	5	23		44	2	37	1	81	3				
Curriculum & Instruction									13	17	13	17			10		10		3		13	
Reading Education										3		3										
Music Education									2	1	2	1										
Physical Education	4	3			4	3			14	9	18	12	3	1			3	1	4	1	7	2

TABLE 10 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Health Education	5	2	12	2	17	4					17	4	27	2			27	2			27	2
Business, Commerce & Distributive Education		1	8	4	8	5			4	10	12	15										
Industrial Arts, Vocational & Technical Education									18		18											
Home Economics Education				6		6				1		7										
Educational Media	9				9						9											
Recreation Education									22	4	22	4										
Instructional Media									3	1	3	1										
Counseling & Guidance									23	13	23	13										
Community School Leadership									1		1											
Engineering																						
Engineering, General	2				2						2											
Agricultural Engineering			11		11						11											
Bioengineering and Biomedical Engineering													2				2				2	
Chemical Engineering	5				5				6		11		4				4		1		5	
Civil, Construction, and Transportation Engineering	10		22		32				3		35		3		7		10				10	
Electrical, Electronics, and Communications Engineering	17	2	12		29	2			12		41	2	9		2		11				11	
Mechanical Engineering	10	1	4		14	1			24		38	1	1		4		5				5	
Geological Engineering													4				4				4	
Industrial & Management Engineering	27		5		32						32			6				6				
Materials Engineering	2				2						2		6				6				6	
Mining and Mineral Engineering	5				5						5		3				3				3	
Engineering Mechanics									1		1											

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		West-minster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Environmental & Sanitary Engineering									16		16											
Manufacturing Engineering			10		10						10											
Fuels Engineering													1				1				1	
Soil Mechanics & Foundation Engineering							2			2												
Stratigraphy & Sedimentation									4		4								1		1	
Structural Engineering									19		19								1		1	
Fine & Applied Arts																						
Art (Painting, Drawing, & Sculpture)	9	1	9	3	18	4				2	18	6										
Music (Performing, Compoaition,Theory)									4		4								2		2	
Music (Liberal Arts Porgram)	5	2	2	1	7	3					7	3	1				1				1	
Music History & Appreciation (Musicology)									1	1	1	1										
Dramatic Arts	5	5	2		7	5			1	3	8	8							1		1	
Dance	3	16			3	16					3	16										
Applied Design									1	1	1	1										
Interpretation									1	1	1	1										
Design									1	1	1	1										
Foreign Languages																						
French	3				3				3	5	6	5	1				1			1	1	1
German	1				1				3	1	4	1	5				5				5	
Spanish	2	2			2	2			6		8	2	1				1		1		2	
Latin									3	1	3	1										
Arabic		1			1																	
Persian	2				2						2											
Turkish	5				5						5											
Health Professions, General																						
Health Professions, General									6	5	6	5										
Nursing (Baccalaureate & Higher Programs)		30				30						30										

TABLE 16 (cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		West-minster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Pharmacy													1				1				1	
Public Health															2		2				2	
Veterinary Medicine Specialties (Work Beyond First-professional degree, DVM)			1		1						1											
Speech Pathology & Audiology	4	16			4	16					4	16	2				2				2	
Hospital Pharmach	1				1					1												
Pharmacy Administration	1				1					1												
Medicinal Chemistry													1	1			1	1			1	1
Home Economics																						
Home Economics, General	1				1					1												
Clothing & Textiles				1		1						1										
Consumer Economics & Home Management										1		1										
Family Relations & Child Development			2	11	2	11		6	10	8	21								1		1	
Foods & Nutrition		1	1	3	1	4				2	1	6				1		1				1
Letters																						
English	10	16	3	6	13	22			1	4	14	26	17	4			17	4			17	4
Literature, English									1	4	1	4										
Comparative Literature									1		1											
Linguistics	1	2			1	2			2		3	2										
Speech, Debate & Forensic Science	2	5			2	5			6	1	8	6	2				2				2	
Philosophy	4				4						4		1				1				1	
Literature, American									1	5	1	5										
Library Science																						
Library Science, General			7	7	7	7			14	23	21	30										

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Mathematics																						
Mathematics, General	1	3	7	4	8	7			2		10	7	3				3				3	
Statistics, Mathematical & Theoretical			10		10				4		14											
Physical Sciences																						
Physical Sciences, General*	3				3						3											
Physics, General	3		1		4				2		6		5				5				5	
Nuclear Physics																			1		1	
Chemistry, General	4	1	3		7	1			1		8	1	14		3		17				17	
Inorganic Chemistry									1		1									1		1
Organic Chemistry									4		4											
Physical Chemistry									1		1											
Atmospheric Sciences & Meteorology	9				9						9		1				1				1	
Geology	4		4		8				19	3	27	3	2				2				2	
Geophysics & Seismology	3				3						3											
Paleontology																			1		1	
Metallurgy	7				7						7		9				9				9	
Mineralogy	1				1						1											
Acoustics									1		1								1		1	
Astrophysics									1		1											
Solid State Physics																			2		2	
Space Physics																			1		1	
Space & Planetary Physics																			1		1	
Theoretical Physics																			3		3	
Psychology																						
Psychology, General	15	3	8	1	23	4			8	1	31	5	12	3	3	3	15	6	1		16	6
Clinic Psychology																			5		5	
Psychology for Counseling (Psychology Majors Only)									3	2	3	2							2		2	
Social Psychology																			1		1	

* Includes three Master's of Philosphy in Physics. These degrees are the equivalent of doctoral degrees without dissertations.

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Public Affairs & Services																						
Public Administration									85	2	85	2										
Social Work & Helping Services	74	33			74	33					74	33	1				1				1	
Social Sciences																						
Social Sciences, General				1		1						1										
Anthropology	3	3			3	3					3	3		1				1				1
Economics	3				3						3		6	1			6	1			6	1
History	9		2	2	11	2			9		20	2	5	1			5	1	1		6	1
Geography	9	1			9	1			7		16	1										
Political Science & Government	8	2	13	1	21	3			5	1	26	4	3				3				3	
Sociology	3	1	4	1	7	2			7	2	14	4	6	2	3		9	2			9	2
Theology																						
Religious Education									7	1	7	1							1		1	
Ancient Scripture																			3		3	
Church History & Doctrine									7		7								4		4	
Total	680	275	364	88	1,044	363	1	3	582	175	1,627	541	242	37	101	6	343	43	99	6	442	49
	955		452		1,407		4		757		2,168		279		107		386		105		491	

Source: HEGIS Report, 1971-72.

TABLE 17

Utah System of Higher Education

Degrees and Awards Based on Less Than Four Years of Work Beyond High School By Institution, 1971-72

Curriculum	U of U	USU	WSC	SUSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Total Public	BYU	LDS Bus. Coll.	Stevens-Henager College	Total Private	Total Public Private
CURRICULUMS OF TWO OR MORE YEARS BUT LESS THAN FOUR YEARS															
Work wholly or chiefly creditable toward a bachelor's degree															
Associate degree	1		258		177	260	148			844	235			235	1,079
Other formal recognition	56	195		56	1					308					308
Total	57	195	258	56	178	260	148			1,152	235			235	1,387
Work not wholly or chiefly creditable toward a bachelor's degree															
Associate degree					15		18	114	152	299		118	97	215	514
Other formal recognition	8		27			20	2	124	78	259					259
Total	8		27		15	20	20	238	230	558		118	97	215	773
Total curriculums of two or more years	65	195	285	56	193	280	168	238	230	1,710	235	118	97	450	2,160
CURRICULUMS OF AT LEAST ONE YEAR BUT LESS THAN TWO YEARS			85	9	3	7	58	156	494	812		44	102	146	958
CURRICULUMS OF LESS THAN ONE YEAR'S DURATION			117				172	1,588	1,603	3,480		31	105	136	3,616
Total all curriculums of less than four years beyond high school	65	195	487	65	196	287	398	1,982	2,327	6,002	235	193	304	732	6,734

Sources: HEGIS Report, 1971-72.
HEGIS Report, 1971-72, Addendum prepared by the Office of the Commissioner.

TABLE 18

Utah System of Higher Education

Associate Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1971-72, By Institution

Institution	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	
System Institutions:									
University of Utah	–	2	2	16	1	–	2	16	1
Utah State University	–	–	–	–	–	–	–	–	–
Weber State College	149	126	140	141	123	148	193	202	258
Southern Utah State College	150	149	4	1	–	–	–	–	–
Snow College	104	109	120	129	137	190	211	169	192
Dixie College	81	104	117	180	187	194	187	233	260
College of Eastern Utah	75	102	71	131	143	160	143	139	166
Utah Technical College at Provo	–	–	–	–	22	82	102	99	114
Utah Technical College at Salt Lake	–	–	–	–	–	168	198	207	152
Totals for system institutions	559	592	454	598	613	942	1,026	1,065	1,143
Yearly percentage increase		5.9%	-23.4%	31.7%	2.5%	53.6%	8.9%	3.8%	7.3%
Private Institutions:									
Brigham Young University	–	62	125	179	189	150	152	224	235
LDS Business College	19	19	31	42	60	74	74	91	118
Stevens Henager College	48	43	62	55	79	81	117	96	97
Totals for private institutions	67	124	218	276	328	305	343	411	450
Yearly percentage increase	–	85.1%	75.8%	26.6%	18.8%	-7.0%	12.5%	19.8%	9.5%
Total Associate Degrees awarded in Utah	626	716	672	874	941	1,247	1,369	1,476	1,593
Yearly percent increase for all Utah institutions	–	14.4%	-6.1%	30.1%	7.7%	32.5%	9.8%	7.8%	7.9%

Note: No associate degrees are offered at Utah State University or Westminister College.
Source: Hegis Reports, 1964-65 to 1971-72

TABLE 19

Utah System of Higher Education

Degrees and Awards Based on Less Than Four Years of Work Beyond High School
—Curriculums of Two or More But Less Than Four Years—
Work Wholly or Chiefly Creditable Toward a Bachelor's Degree, 1971-72

Curriculums	U of U		USU		WSC		SUSC		SNOW		DIXIE		CEU		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
ARTS AND SCIENCE OR GENERAL PROGRAMS, NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS					114				177	1	211		148		650	1	69		719	1
Total Section I					114				177	1	211		148		650	1	69		719	1
SCIENCE OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL																				
Data Processing Technologies																				
Data Processing Technologies, General		13			5										5	13			5	13
Health Services and Paramedical Technologies																				
Radiologic Technologies					8										8					
Nursing, R.N.					57										57		63		71	
Inhalation Therapy Technologies					14										14				14	
Mechanical and Engineering Technologies																				
Mechanical and Engineering Technologies, General		7														7				7
Aeronautical and Aviation Technologies				82																
Engineering Graphics					6						8				8	82			8	82
Architectural Drafting Technologies															6		1		7	
Chemical Technologies							3				2				2	3			2	3
Automotive Technologies					1		6				3				4	6	2		2	6

TABLE 19 (cont.)

Curriculums	U of U		USU		WSC		SUSC		SNOW		DIXIE		CEU		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
Civil Technologies		1														1				1
Electronics and Machine Technologies		14			17			8			4				21	22	9		30	22
Industrial Technologies																	3		3	
Construction and Building Technologies								1								1				1
Metal Fabrication Technologies								13								13				13
Chemical and Metallurgical Engineering Technologies		2														2				2
Agricultural Mechanization				6												6				6
Natural Science Technologies																				
Agriculture Technologies				8												8				8
Home Economics Technologies											18				18				18	
Total Section II		37		96	108			31			35				143	164	78		221	164
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL																				
Business and Commerce Technologies																				
Business and Commerce Technologies, General					2						10				12		2		14	
Accounting Technologies	1														1				1	
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies					16										16				16	
Secretarial Technologies		19		99	6			11			4				10	129	56		66	129
Photography Technologies																	1		1	
Applied Arts, Graphic Arts, and Fine Arts Technologies																	2		2	

Curriculums	U of U		USU		WSC		SUSC		SNOW		DIXIE		CEU		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
Public Service Related Technologies																				
Education Technologies								6								6				6
Library Assistant Technologies																		4		
Police, Law Enforcement, Corrections Technologies					9			8							9	8	1		10	8
Family Life					3										3		16		19	
Genealogy																	6		6	
Total Section III	1	19		99	36			25			14				51	143	88		139	143
Total Sections I, II, and III	1	58		195	258			56	177	1	260		148		844	308	235		1,079	308

Source: HEGIS Report, 1971-72.

TABLE 20

UTAH SYSTEM OF HIGHER EDUCATION

Degrees and Awards Based on Less Than Four Years of Work Beyond High School — Curriculums of Two or More But Less Than Four Years — Work Not Wholly or Chiefly Creditable Toward A Bachelor's Degree, 1971-72

	U of U		WSC		Snow		Dixie		CEU	
Curriculums	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition
ARTS AND SCIENCE OR GENERAL PROGRAMS, NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS										
Total Section 1										
SCIENCE OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL										
Data Processing Technologies										
Data Processing Technologies, General										
Computer Programmer Technologies										
Health Services and Paramedical Technologies										
Radiologic Technologies		9								
Psychiatric Technologies										
Mechanical & Engineering Technologies										
Mechanical & Engineering Technologies, General				3					7	
Aeronautical & Aviation Technologies								4		
Engineering Graphics										
Architectural Drafting Technologies								5		
Automotive Tech[illegible]				19	2			8	2	
Diesel Technology										

UTC Provo		UTC Salt Lake		Total Public		LDS Bus. Coll.		Stevens-Henge		Total Private		Total All	
Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition
2				3								3	
3				3								3	
6		15	6	21	5							21	5
						11				11		11	
					8								8
	23				23								23
				2	3							2	3
					6								6
8	1	15	1	23	2							23	2
		13	1	13	6							13	6
6	22	14	22	20	82							26	82
	15	5	12	5	31							5	31

TABLE 20 (cont.)

Curriculum	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
	Assoc. Degree	Other Formal Postsec. educ.	Assoc. Degree	Other Formal Postsec. educ.	Assoc. Degree	Other Formal Postsec. educ.	Assoc. Degree	Other Formal Postsec. educ.	Assoc. Degree	Other Formal Postsec. educ.
Mechanical & Engineering Technologies Cont.										
Drafting Technologies									6	
Electronics & Radiation Technologies					9					
Electromechanical Technologies										
Instrumentation Technologies										
Mechanical Technologies									2	1
Construction & Building Technologies										
Natural Science Technologies										
Agriculture Technologies					1					
Home Economics Technologies								2		
Total Section 2		6		25	12			11	8	1
NONSCIENCE & NONENGINEER ING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL										
Business & Commerce Technologies										
Business & Commerce Technologies, General					2				1	
Accounting Technologies									2	
Marketing, Distributive, Purchasing, Business, & Industrial Management Technologies										
Secretarial Technologies				1				1	2	
Personal Service Technologies									1	1
Applied Arts, Graphic Arts, & Fine Arts Technologies										
Total Section 3				1	2			1	6	1
Total Sections 1, 2, & 3		6		27	15			25	45	2

Source: [illegible] Report, 1971-72

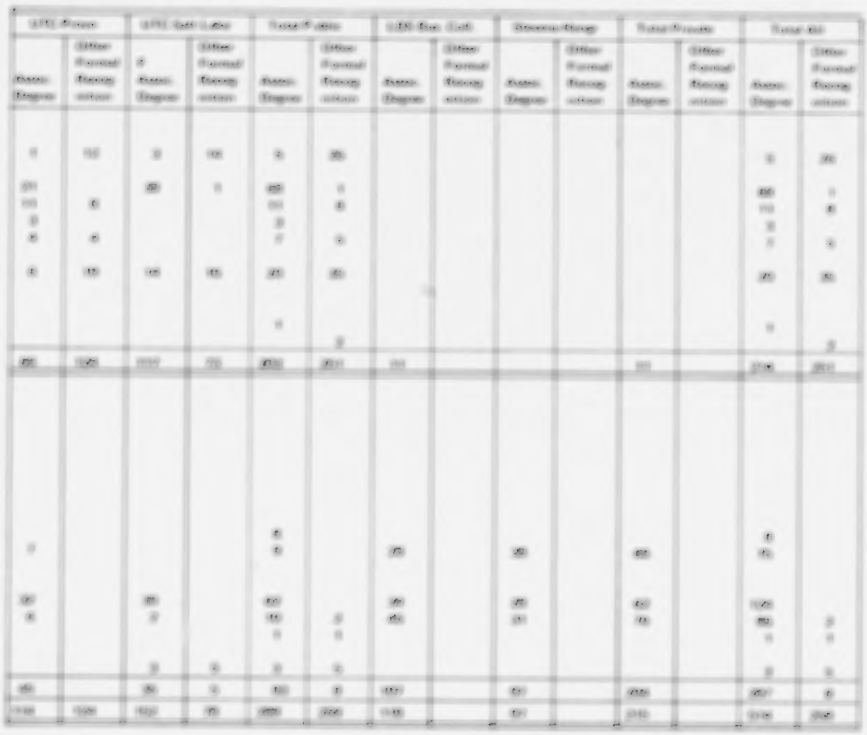

TABLE 21

Utah System of Higher Education

Awards Based on Less Than Four Years of Work Beyond High School—Curriculums of At Least One Year, But Less Than Four Years, 1971-72

Curriculums	SUSC	WSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS												
Total, Section 1												
SCIENCE- OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL												
Data Processing Technologies												
Data Processing Technologies, General							8	8				8
Health Services and Paramedical Technologies												
Dental Assistant Technologies						37		37				37
Radiologic Technologies		2						2				2
Nursing, Practical		26			18	50	90	184				184
Medical Receptionist						9		9				9
Mechanical & Engineering Technologies												
Aeronautical and Aviation Technologies		21		2				23				23
Engineering Graphics							9	9				9
Automotive Technologies				3				3				3
Welding Technologies		4						4				4
Electronics and Machine Technologies							10	10				10
Instrumentation Technologies						11		11				11

Curriculums	SUSC	WSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager Collee	Total Private	Total Public &
Construction and Building Technologies							125	125				125
Machine Shop							27	27				27
Auto Body Repair & Paint							6	6				6
Mine Mechanics					27			27				27
Total, Section 2		53		5	45	107	275	485				485
NONSCIENCE– AND NONENGINEERING–RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL												
Business and Commerce Technologies												
Business and Commerce Technologies General			3			19		22		8	8	30
Accounting Technologies							44	44	9	7	16	60
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies							12	12	3	5	8	20
Secretarial Technologies	9	2		2	1	26	84	124	32	41	73	197
Personal Service Technologies		30			12		56	98				98
Printing and Lithography Technologies							23	23				23
Public Service Related Technologies												
Professional Driving						4		4				4
Total Section 3	9	32	3	2	13	49	219	327	44	61	105	432
Total Sections 1, 2, & 3	9	85	3	7	58	156	494	812	44	61	105	917

Source: HEGIS Report, 1971-72.

TABLE 22

Utah System of Higher Education
Formal Recognition for Short-Course Completions of Less Than One Year's Duration
Public and Private Institutions 1971-72

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
ARTS AND SCIENCE OR GENERAL PROGRAMS, NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS									
Total, Section 1									
SCIENCE OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS									
Data Processing									
Keypunch Operator & Other Input Preparation				20	20	8		8	28
Basic Computer Concepts				35	35				35
Cobol Programming				7	7				7
Health Services & Paramedical									
Nursing			19	130	149				149
Hospital Ward Clerk				19	19				19
Operating Room Technician				35	35				35
First Aid				8	8				8
Mechanical and Engineering									
Automotive			29	68	97				97
Diesel			16	15	31				31
Welding			19	234	253				253
Electromechanical			27	10	37				37
Instrumentation				11	11				11
Mechanical			11	34	45				45

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
Construction & Building			14	79	93				93
Auto Mechanics for Women				152	152				152
Mine Foreman		119			119				119
Power Sewing				93	93				93
Solid State			141	11	152				152
Upholstering				7	7				7
Highway Engineering Technician		14			14				14
Mine Electricity		39			39				39
Driver Education			1,250		1,250				1,250
Painting & Interior Decoration				11	11				11
Natural Science									
Home Economics				24	24				24
Total, Section 2		172	1,526	1,003	2,701	8		8	2,709
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS									
Business & Commerce									
Business & Commerce, General							105	105	105
Accounting				2	2				2
Banking & Finance			33		33				33
Marketing; Distribution; Purchasing; Business; Industrial; Transportation; Systems, Middle, and Motivation Management	30			97	127				127
Secretarial						23		23	23
Personal Service	32			26	58				58
Photography				24	24				24
Communications & Broadcasting				11	11				11
Printing & Lithography				80	80				80
Hotel & Restaurant Management	22				22				22
Strategy of Working with People				124	124				124

TABLE 22 (cont.)

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
Supervisors as Instructors				8	8				8
Inventory Control				13	13				13
Labor Relations				9	9				9
Executive Training for Supervisors				63	63				63
Effective Reading				46	46				46
Effective Speaking				27	27				27
Business English & Report Writing				30	30				30
Conversational Spanish				12	12				12
Salesmanship	15				15				15
Checker Training (Grocery)				9	9				9
Public Service Related									
Education				10	10				10
Police, Law Enforcement, Corrections	7				7				7
Fire Control			29		29				29
Traffic Management	11				11				11
Industrial Security				9	9				9
Total, Section 3	117		62	600	779	23	105	128	907
Total, Sections 1, 2, & 3	117	172	1,588	1,603	3,480	31	105	136	3,616

Source: HEGIS Report 1971-72
Addendum prepared by the Office of the Commissioner

IV. Employment Outlook

Manpower data and career application considerations influence the Board in both its budgeting and program review processes.

Voc-Tech Emphasized

The budget recommendations provided the legislature during the year, for example, reflected an increased demand for vocational and technical training. On Board recommendation, the Legislature appropriated increases of 43 and 34 percent respectively for the Utah Technical Colleges at Salt Lake and Provo. Weber State College and others also received increases for vocational and technical programs.

National and local employment needs were heavily considered in the Board's review of health occupations, business and teacher education programming. The Office of the Commissioner worked closely with the Utah Department of Employment Security in assessing supply and demand.

Better Counseling

By providing better counseling and information to students who elect education beyond high school, the Board is seeking to open wider the broad range of opportunities available in Utah. The professional careers and majors long emphasized at the state universities are now receiving vigorous support from pre-professional, vocational and technical programs in other colleges and from the state's area vocational centers.

The following tables contain some of the job availability information obtained from the Utah Department of Employment Security and other sources. They broadly describe the Utah employment outlook.

Tables

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TABLE 1

Utah System of Higher Education

Occupational Requirements of Employees On Nonagricultural Payrolls*, 1970-1980, Utah

OCCUP. CATEGORY	ANN. AVG. NEW & REP'L JOBS	EDUCATIONAL REQUIREMENTS				
				POST HIGH SCHOOL		
		LESS THAN HIGH SCHOOL	HIGH SCHOOL	1 - 3 YEARS	4 YEARS & BEYOND	UNCLASSIFIED
TOTAL	25,700	31.5%	33.3%	18.2%	14.1%	2.9%
CLERICAL & SALES	6,700	6.0%	79.7%	9.7%	.4%	4.2%
PROFESSIONAL	6,100	.6%	9.3%	31.3%	57.2%	1.6%
SERVICE	4,400	79.3%	14.5%	1.1%		5.2%
MISC.	3,000	84.5%	9.8%	3.8%	.1%	1.7%
STRUCTURAL	2,400	28.9%	32.9%	36.8%		1.4%
MACHINE	1,400	16.5%	13.2%	69.7%		.5%
BENCH	1,100	66.1%	22.3%	10.7%		.9%
PROCESSING	600	75.3%	21.9%	6%		2.2%

SOURCE: UTAH DEPARTMENT OF EMPLOYMENT SECURITY' OI MATRIX

* EXCLUDES SELF EMPLOYED AND AGRICULTURE EMPLOYED

NOTE – Utah Department of Employment Security estimates 18,500 self-employed professional, technical or managerial workers in 1971-72.

TABLE 2
Utah System of Higher Education
Number and Percent of Employees on Nonagricultural Payrolls in Utah
1960, 1967, and 1975 (Projected)

Area of Employment	1960		1967		1975	
	Number Employed	Percent of Total	Number Employed	Percent of Total	Projected Employment	Percent of Total
Professional, Technical, and Managerial						
Architecture and Engineering	9,496	3.6%	11,178	3.4%	13,700	3.2%
Mathematics and Physical Sciences	2,560	1.0	2,994	0.9	3,400	0.8
Life Sciences	1,002	0.4	1,451	0.4	1,700	0.4
Social Sciences	82	0.0	90	0.0	100	0.0
Medicine and Health	4,437	1.7	7,104	2.1	11,700	2.8
Education	13,347	5.0	21,726	6.6	31,100	7.3
Museum, Library, and Archival Sciences	544	0.2	782	0.2	1,000	0.2
Law and Jurisprudence	374	0.1	456	0.1	600	0.1
Writing	676	0.3	836	0.3	1,200	0.3
Art	389	0.1	506	0.2	700	0.2
Entertainment and Recreation	796	0.3	1,021	0.3	1,300	0.3
Administrative Specializations	9,784	3.7	12,238	3.7	14,900	3.5
Managers and Officials, Nec	8,704	3.3	10,152	3.1	13,200	3.1
Miscellaneous Professional, Technical, & Managerial	2,709	1.0	3,604	1.1	4,600	1.1
Total Prof., Tech., & Managerial	54,900	20.7	74,137	22.4	99,200	23.3
Clerical and Sales	67,955	25.6	86,735	26.0	109,700	25.8
Service (food preparation, lodging, protective, etc.)	32,584	12.3	45,453	13.8	64,700	15.2
Agricultural (fishery & forestry included)	2,079	0.8	2,679	0.8	3,200	0.8
Processing (metals, food, paper, chemicals, etc.)	12,239	4.6	11,961	3.6	12,500	2.9
Machine Trades (repairing and operation of machines)	17,960	6.8	21,691	6.6	26,100	6.2
Bench Work (fabrication & repair of various materials)	7,736	2.9	11,946	3.6	16,700	3.9
Structural Work (welding, painting, & construction work)	29,296	11.1	31,193	9.4	41,100	9.7
Miscellaneous (freight, transportation, packaging, extraction of minerals, amusement)	40,248	15.2	45,586	13.8	51,800	12.2
Total	264,997	100.0%	330,371	100.0%	425,000	100.0%

Source: Utah Department of Employment Security, Detailed Occupations in Nonagricultural Wage and Salaried Jobs in Utah, 1960-1975, Special Manpower Research Series Report No. 5, Salt Lake City, April, 1969 (Salt Lake City, Utah: Utah Department of Employment Security, 1969), pp. 13-70.

TABLE 3
Utah System of Higher Education
Occupations of Employees on Nonagricultural Payrolls
(By Specific Categories) 1960-1975 Utah

Occupational Title	Employment				
	1967	1960	% Increase Decrease	(Proj.) 1975	% Increase Decrease
Professional, Technical and Managerial Occupations					
Architecture and Engineering	9,496	11,178	17.7	13,713	22.6
Mathematics and Physical Sciences	2,560	2,994	16.9	3,408	13.8
Life Sciences	1,002	1,451	44.8	1,715	18.1
Social Sciences	82	90	9.7	108	20.0
Medicine and Health	4,437	7,104	60.1	11,748	65.3
Education	13,347	21,726	62.7	31,113	43.2
Museum, Library and Archival Sciences	544	782	43.7	1,031	31.8
Law and Jurisprudence	374	456	21.9	636	39.5
Writing	676	835	23.5	1,171	40.2
Art	389	506	30.0	656	29.6
Entertainment and Recreation	796	1,021	28.2	1,270	24.4
Administrative Specializations	9,764	12,238	25.0	14,925	22.0
Mangers and officials, Nec	8,704	10,152	16.6	13,190	30.0
Miscellaneous Professional, Technical & Managerial	2,709	3,604	33.0	4,553	26.3
Total	54,900	74,137	35.0	99,237	33.9
Clerical and Sales Occupations					
Stenography, Typing, Filing and Related Occupations	17,446	23,916	37.0	31,480	33.6
Computing and Account Recording Occupations	16,335	20,720	26.8	26,323	27.0
Material and Production Recording Occupations	6,169	7,914	28.2	9,220	16.5
Information and Message Distribution Occupations	5,744	6,910	20.2	8,933	29.3
Miscellaneous Clerical Occupations	2,193	2,756	25.6	3,609	30.9
Salesmen, Services	1,047	1,207	15.2	1,529	26.7
Salesman and Salespersons, Commodities	12,243	14,144	15.5	17,508	23.8
Merchandising Occupations, Except Salesmen	6,778	8,168	20.5	11,136	36.3
Total	67,955	85,735	26.1	109,738	28.0
Service Occupations					
Domestic Service	211	513	64.9	731	42.5
Food and Beverage Preparation and Service	13,961	19,199	37.2	27,500	43.5
Lodging and Related Services	1,275	1590	24.7	2042	28.4

TABLE 3 (cont.)

OCCUPATIONS OF EMPLOYEES ON NONAGRICULTURAL PAYROLLS (BY SPECIFIC CATEGORIES) 1960-1975 UTAH

Occupational Title	Employment				
	1960	1967	% Increase Decrease	(Proj.) 1975	% Increase Decrease
Service Occupations (cont.)					
Barbering, Cosmetology, and Related Service	912	1,524	67.1	2,882	89.1
Amusement and Recreation Service	1,010	1,253	24.0	1,619	29.2
Miscellaneous Personal Service	2,665	4,092	53.5	6,329	54.7
Apparel and Furnishings Service	2,073	2,458	18.5	3,408	38.6
Protective Service	2,724	3,294	20.9	3,912	18.8
Building and Related Service	7,653	11,570	51.1	16,282	40.7
Total	32,584	46,453	39.4	64,706	42.4
Farming, Fishery, Forestry and Related Occupations					
Plant Farming Occupations	1,636	2,099	29.0	2,625	20.1
Animal Farming	83	96	15.6	104	8.3
Miscellaneous Farming & Related Occupations	163	229	40.9	279	21.8
Forestry	197	255	29.4	233	(8.6)
Total	2,079	2,679	28.8	3,241	21.0
Processing Occupations					
Occupations in Processing of Metal	974	950	(2.4)	909	(4.3)
Ore Refining and Foundry Occupations	2,940	2,993	1.8	2,532	(15.4)
Occupations in Processing of Food, Tobacco and Related Products	4,458	4,237	(4.9)	4,189	(1.1)
Occupations in Processing of Paper and Related Materials	32	29	(9.3)	52	79.3
Occupations in Processing & Manufacturing of Petroleum, Coal, Natural Gas & Related Products	1,376	1,303	(5.3)	1,627	24.9
Occupations in Processing of Chemicals, Plastics, Synthetics, Rubber, Paint, & Related Products	729	771	5.7	917	18.9
Occupations in Processing of Stone, Clay, Glass, and Related Products	960	933	(2.8)	1,487	59.4
Occupations in Processing of Leather, Textiles, and Related Products	33	38	15.1	50	31.6
Processing Occupations, Nec	737	697	(5.4)	692	(.7)
Total	12,239	11,951	(2.3)	12,455	4.2

TABLE 3 (cont.)

OCCUPATIONS OF EMPLOYEES ON NONAGRICULTURAL PAYROLLS (BY SPECIFIC CATEGORIES) 1960-1975 UTAH

Occupational Title	Employment				
	1960	1967	% Increase Decrease		% Increase Decrease
Machine Trades Occupations					
Metal Machining Occupations	2,784	3,396	21.9	4,672	37.6
Metal Working Occupations, Nec	1,380	1,538	11.4	2,099	36.5
Mechanics and Machinery Repairmen	11,375	13,525	18.9	15,155	12.0
Paper Working Occupations	290	356	22.4	561	58.0
Printing Occupations	397	533	34.2	733	37.5
Wood Machining Occupations	768	888	15.6	873	(1.7)
Occupations in Machining, Stone, Clay, Glass, and Related Products	60	113	88.3	190	68.1
Textile Occupations	91	151	65.9	219	45.0
Machine Trades Occupations, Nec	815	1,192	46.2	1,596	33.9
Total	17,960	21,691	20.7	26,098	20.3
Bench Work Occupations					
Occupations in Fabrication, Assembly, and repair of Metal Products, Nec.	685	884	29.1	1,475	66.9
Occupations in Fabrication & Repair of Scientific and Medical Apparatus, Photographic & Optical Goods, Watches & Clocks, & Related Products	915	1,494	63.3	2,092	40.0
Occupations in Assembly & Repair of Electrical Equipment	1,600	2,216	38.5	2,904	31.0
Occupations in Fabrication & Repair of Products Made From Assorted Materials	613	935	52.5	1,319	41.0
Painting, Decorating and Related Occupations	213	262	23.0	420	60.3
Occupations in Fabrication & Repair of Plastics, Synthetics, Rubber, & Related Products	88	157	78.4	195	24.2
Occupations in Fabrication & Repair of Wood Products	231	331	43.2	347	4.8
Occupations in Fabrication & Repair of Sand, Stone, Clay, & Glass Products	122	258	111.4	432	67.4
Occupations in Fabrication & Repair of Textile, Leather, & Related Products	3,229	5,357	65.9	7,409	38.3

TABLE 3 (cont.)

OCCUPATIONS OF EMPLOYEES ON NONAGRICULTURAL PAYROLLS (BY SPECIFIC CATEGORIES) 1960-1975 UTAH

Occupational Title	Employment				
	1960	1967	% Increase Decrease	(Proj.) 1975	% Increase Decrease
Bench Work Occupations (cont.)					
Bench Work Occupations, Nec	40	52	30.0	64	23.1
Total	7,738	11,946	54.4	16,656	39.4
Structural Work Occupations					
Occupations in Metal Fabricating, Nec	3,442	3,058	19.6	9,114	29.2
Welders, Flame Cutters, & Related Occupations	1,521	1,694	11.3	2,387	40.9
Electrical Assembling, Installing, & Repairing Occupations	5,584	6,376	14.1	7,545	18.3
Painting, Plastering, Waterproofing, Cementing, & Related Occupations	2,448	2,439	1.3)	3,488	43.0
Excavating, Grading, Paving, & Related Occupations	3,771	4,238	12.4	5,637	33.0
Construction Occupations, Nec	10,953	10,522	(3.9)	14,453	37.4
Structural Work Occupations, Nec	1,597	1,965	23.0	2,441	24.2
Total	29,296	31,193	6.4	41,065	31.6
Miscellaneous Occupations					
Motor Freight Occupations	8,409	9,535	13.3	11,022	15.6
Transportation Occupations, Nec	11,685	12,317	5.4	13,595	10.1
Packaging & Material Handling Occupations	13,340	17,223	29.1	19,776	14.8
Occupations in Extraction of Minerals	3,598	2,737	(23.8)	2,847	4.0
Occupations in Production and Distribution of Utilities	1,593	1,726	8.3	1,877	8.7
Amusement, Recreation & Motion Picture Occupations, Nec	280	371	32.5	484	30.5
Occupations in Graphic Art Work	1,345	1,678	24.7	2,706	31.5
Total	40,249	45,586	13.2	51,807	13.6
GRAND TOTAL	264,997	330,371	24.6	425,002	28.6

TABLE 4

Utah System of Higher Education

Number of Teachers Recommended for Certification Classified by Level and Institution, 1962 Through 1972

Institution		1962	1963	1964	1965	1966	196/	1968	1969	1970	1971	1972[a]
Southern Utah State College	Elementary	—	63	67	70	70	54	45	64	58	63	67
	Secondary	—	—	—	—	30	47	57	74	71	68	110
	Ungraded	—	—	—	—	—	—	—	—	1	1	—
	Total	—	63	67	70	100	101	102	138	130	132	177
University of Utah	Elementary	123	140	152	159	170	158	184	213	268	241	222
	Secondary	242	201	256	263	274	248	318	303	323	301	277
	Ungraded	—	—	—	—	95	—	50	116	—	130	—
	Total	365	341	408	422	539	406	552	632	591	672	499
Utah State University	Elementary	305	215	184	178	236	252	227	258	261	242	230
	Secondary	235	300	327	368	416	414	364	367	389	419	417
	Ungraded	—	—	—	—	—	16	29	42	26	26	33
	Total	540	515	511	546	652	682	620	667	676	687	688
Weber State College	Elementary	—	—	62	64	85	97	88	131	117	105	75
	Secondary	—	—	78	80	109	118	106	138	142	109	120
	Ungraded	—	—	—	—	—	—	—	1	—	—	—
	Total	—	—	140	144	194	215	194	270	259	214	195
Total State Institutions	Elementary	428	418	465	471	561	561	544	666	704	651	602
	Secondary	477	501	661	711	829	827	845	882	925	897	924
	Ungraded	—	—	—	—	95	16	79	159	27	157	88
	Total	905	919	1,126	1,182	1,485	1,404	1,468	1,707	1,656	1,705	1,555

TABLE 4 (cont.)

Brigham Young University	Elementary	263	272	360	401	370	400	478	420	646	656	688
	Secondary	369	418	450	611	504	623	650	707	718	805	848
	Ungraded	---	---	---	---	31	77	66	99	117	176	186
	Total	622	690	800	1,012	905	1,100	1,193	1,226	1,480	1,636	1,722
Westminster College	Elementary	3	12	6	7	11	10	16	14	10	24	15
	Secondary	11	10	9	8	8	10	11	20	14	14	25
	Total	14	22	15	15	19	20	27	34	24	38	40
Total All Institutions	Elementary	684	702	821	879	942	971	1,038	1,100	1,359	1,330	1,305
	Secondary	857	929	1,120	1,330	1,341	1,460	1,506	1,609	1,657	1,716	1,797
	Ungraded	---	---	---	---	126	93	144	258	144	333	219
	Total	1,541	1,631	1,941	2,209	2,409	2,524	2,688	2,967	3,160	3,379	3,321
Percent Change Over Previous Year		-2.3	5.8	19.0	13.8	9.1	4.8	6.5	10.4	6.5	6.9	-1.8

[a]Estimated.

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1971-72 (Salt Lake City: Utah State Board of Education, 1972, p. 134.

TABLE 5

Utah System of Higher Education

Number of Elementary and Secondary Teachers Who Graduated from Colleges And Universities in Utah and Who Accepted Teaching Positions in Utah, 1969-70 and 1970-71

Name of Institution	Number Recommended for Certificate 1970-71	1969-70	Number Teaching in State 1970-71	1969-70	Percent Accepting Positions in Utah 1970-71	1969-70
University of Utah	672	591	288	249	42.9%	42.1%
Utah State University	687	676	195	156	28.4	23.1
Weber State College	214	259	129	132	60.3	51.0
Southern Utah State College	132	130	33	46	25.0	35.4
Brigham Young University	1,636	1,480	430	458	26.3	30.9
Westminster College	38	24	26	—	68.4	—
Total	3,379	3,160	1,101	1,041	32.6%	32.9%

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1971-72 (Salt Lake City: Utah State Board of Education, 1972), p. 137.

TABLE 6

Utah System of Higher Education

Number of Students Graduating from Utah Institutions of Higher Education In Elementary and Secondary Education and Percent Accepting Teaching Positions in Utah, 1956-57 Through 1970-71

Year	Number of Institutions	Number of Graduates in Elem. & Sec. Education	Accepted Teaching Positions in Utah Number	Percent
1956-57	5 –	1,314	613	47%
1957-58	5 –	1,519	747	49
1958-59	5 –	1,459	761	52
1959-60	5 –	1,678	841	50
1960-61	5 –	1,578	732	46
1961-62	5 –	1,541	836	54
1962-63	5 –	1,621	896	55
1963-64	6 –	1,941	1,052	55
1964-65	6 –	2,209	1,175	53
1965-66	6 –	2,409	1,319	55
1966-67	6 –	2,524	1,236	49
1967-68	6 –	2,688	1,245	46
1968-69	6 –	2,967	1,239	42
1969-70	6 –	3,160	1,041	33
1970-71	6 –	3,379	1,101	33
Total		31,977	14,834	46%

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1971-72 (Salt Lake City: Utah, State Board of Education, 1972), p. 137.

V. Institutional Profiles

UNIVERSITY OF UTAH (1850) Salt Lake City

President: Alfred C. Emery

Administrative Offices: John R. Park Building
Salt Lake City, Utah 84112

Chartered as University of Deseret by provisional government of State of Deseret, first instruction 1850. First baccalaureate 1884. Rechartered under the present name in 1892.

The University of Utah offers graduate and undergraduate degree programs in a Graduate School (4,000 students)* and 14 separate professional colleges with a total of 17,595 undergraduate students. $35 million in 1971–72 in contract research grants (28th in the nation).

* Figures are generally head-count.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted September, January, March and June. Degrees conferred in June. Eight weeks summer quarter, late June to mid-August.

Admission Freshmen applications should be submitted after 6th semester of high school. ACT is required for all entering freshmen. Other applications should be submitted at least 30 days prior to registration date.

Fees *Resident:* Full-time tuition $480 per academic year. *Nonresident:* $1,155 per academic year. For Colleges of Law and Medicine see current General Catalog. On-campus room and board range from approximately $1,023 for double room to $1,165 for single room, per nine-month school year.

Student Financial Aid Some 3,800 scholarships and grants of various kinds are awarded to undergraduates. The University participates in National Defense Student Loans, Educational Opportunity Grants and College Work Study programs. All applications must be received by February 1 to be considered for the following autumn quarter. Maximum freshmen aid is $2,000, with the average being $490. A Parents Confidential Statement is required from parents of a student dependent.

Special Academic Programs Early admission program for a selected number of high school juniors; honors program with interdepartmental courses for lower division students and seminars for upper division, senior thesis or project, summer language institutes; an overseas university center at Christian-Albrecht University, Kiel, Germany, with a six-week orsemester course in German and other languages. Summer program for lan-

guage majors is offered at Centre Universitaire D'Eté Des Pyrenes at De Paul, France.

Degree Requirements For all bachelor's degrees: minimum 183 quarter units, 45–50 general education; 2.0 average on 4.0 scale, minimum residence final 45 units (except three years in pharmacy). For B.A. and B.Mus.: 25 units, or equivalent, in a foreign language. For B.F.A.: 15 in a foreign language.

Student Life University residence halls house 1,298 single students; married student housing has 941 apartments (one to three bedrooms), and the Medical Towers have 151 apartments for interns and other medically related students. All housing areas have adequate parking facilities for the occupants. The fraternity and sorority system provides accommodations for members of their respective houses. Each house ranges in capacity from 20–25 spaces. There are 12 fraternities and 10 sororities presently active.

R.O.T.C. Air Force optional for two years; Army, Navy, optional for two or four years.

Colleges Schools and Divisions Business, Engineering, Fine Arts, Health, Humanities, Law, Medicine, Mines and Mineral Industries, Nursing, Pharmacy, Social and Behavioral Science, Science; Graduate School; Division of Continuing Education, Summer School, Graduate School of Education, Graduate School of Social Work. Museums of Natural History, Fine Arts and Naval History.

UTAH STATE UNIVERSITY (1888) Logan

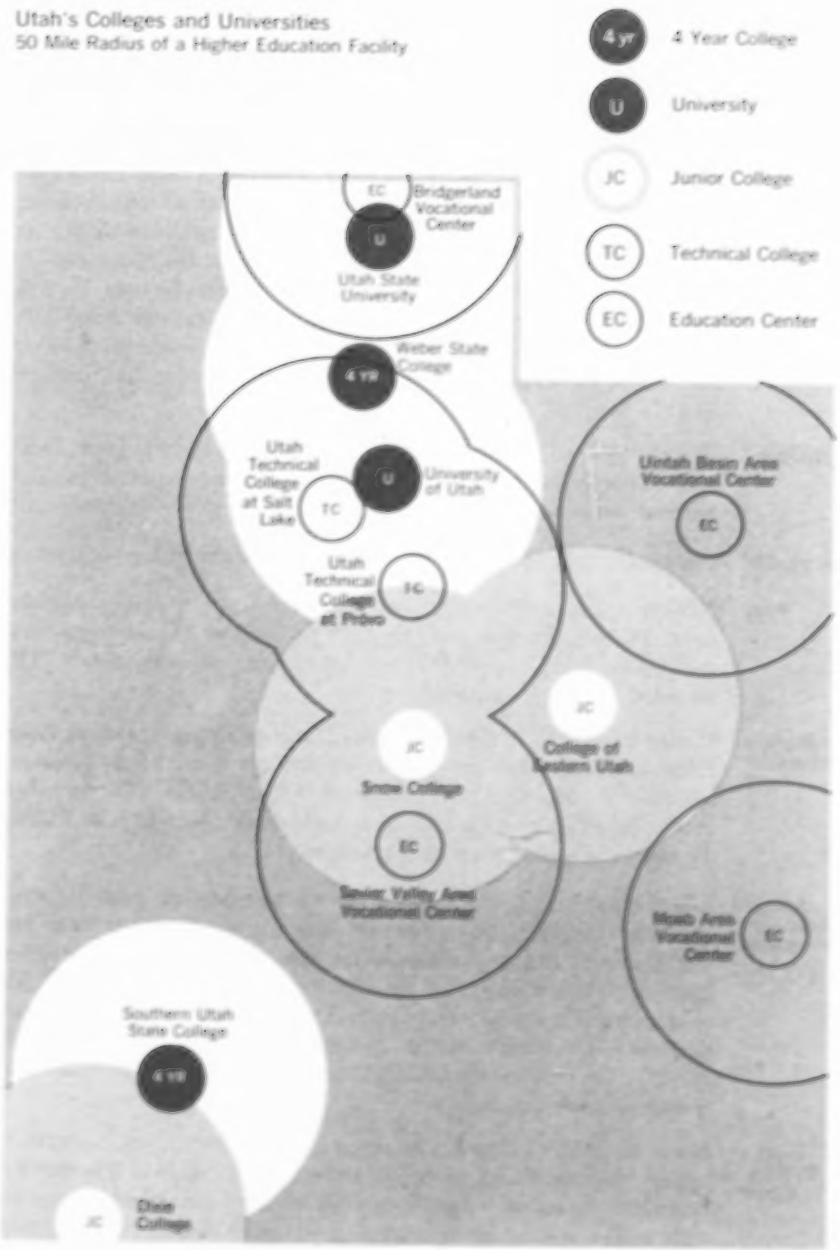
President: Glen L. Taggart

Administrative Offices: Old Main, Logan, Utah 84321

Chartered as Agricultural College of Utah 1888; first instruction 1890; first baccalaureate 1894. Name changed to Utah State Agricultural College in 1929, to present official name, Utah State University of Agriculture and Applied Science, 1957.

Defined Role Utah State University is Utah's land-grant university under state legislation, Congressional enactments of 1862, 1867 and subsequent years. Renamed by state legislative enactment in 1957, Utah State University is one of two major universities serving the State System of Higher Education. It includes a Division of Extension and Continuing Education and the Utah Agricultural Experiment Station

Utah's Colleges and Universities
50 Mile Radius of a Higher Education Facility



under supporting federal legislation, colleges of Agriculture, Business, Education, Engineering, Family Life, Humanities-Arts-Social Sciences, Natural Resources, and Science, a School of Graduate Studies, a Summer School, a Division of International Studies and Programs. Programs of undergraduate, master's and doctoral instruction and research in these colleges as authorized receive emphasis, together with programs related to agriculture, land, water, forestry, food sciences, the development and maintenance of natural resources. Utah State University is a primary center of university research, of graduate and professional education, in the fields authorized and assigned to it.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer session: two 5-week terms, mid-June to mid-August.

Admission Applications should be submitted at least 6 weeks before registration.

Fees *Resident:* Full-time tuition and fees $146 per quarter. *Nonresident:* Full-time tuition and fees $316 per quarter. On-campus room and board $855 per school year. Books and supplies about $150. Married housing available.

Student Financial Aid Varied scholarships, along with the National Defense Student Loan, Educational Opportunity Grant and Student Work Study programs are offered. Maximum freshman aid is $2,000. Deadline for scholarship applications, April 15 and all other aid, July 1. The Parents Confidential Statement form is required.

Special Academic Programs International programs include annual convocation, periodic seminars and institutes of Center for Study and Causes of War and Conditions of Peace. An East-West Institute sponsors lecture series. Inter-American Center for Development of Water and Land Resources is operated for Organization of American States in cooperation with University of the Andes; Center, established 1965 in Merida, Venezuela, trains Latin American leaders in water and land resources development.

Degree Requirements For all bachelor's degrees, minimum 186 quarter units; 55 units in approved general education courses including 9 units of communication skills classes with option to propose one's own unique program with no specific course restrictions; 60 upper division units; 30–50 units in major, 18 in minor; 2.0 average on 4.0 scale; minimum residence 45 units including 15 of last 60. (See catalog for specific degree requirements.)

Student Life Residence halls house 24% of undergraduate men and 41% of undergraduate women. Apartments for married students. Some 11% of both men and women join 8 fraternities and 6 sororities; 37% of fraternity members and 42% of sorority members live in organizational housing. Cars permitted. University sponsors lyceum and concert series, drama, and music programs. Logan (population 22,000) is 81 miles north of Salt Lake City.

R.O.T.C. Army, Air Force; optional for 2 or 4 years.

WEBER STATE COLLEGE (1889) Ogden

President: Joseph L. Bishop*

Administrative Offices: Ogden, Utah 84403

Established as Weber Stake Academy by the Church of Jesus Christ of Latter-day Saints 1889, first instruction at college level 1916; became junior college 1933; 4-year college 1963; first baccalaureate 1964. Name changed to Weber Academy 1908, Weber Normal College 1918, Weber College 1923, present name 1963.

Defined Role Weber State College serves the System as a large four-year college near the center of state population. It offers undergraduate liberal education in the arts and sciences, authorized professional work in education and business, a Division of Continuing Education, and a School of Technology for trade-technical education. The latter provides varieties of technical and paraprofessional programs and work leading to baccalaureate degrees. Weber State College serves as a valuable source of professional and of graduate students for transfer to the System's universities in Logan and Salt Lake City. Weber State College is also a significant receiving institution, having the capacity to accept undergraduate transfer students from the System's two Technical Colleges located nearby on the Wasatch Front, as well as from the junior colleges.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer quarter of 8 weeks, mid-June to mid-August.

Admission Applications should be submitted after 7th high school semester, at least 30 days before registration.

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* President William P. Miller relinquished the presidency June 30, 1972.

Fees *Resident:* Full-time tuition $135 each quarter. *Nonresident:* $270 per quarter.

Student Financial Aid A variety of scholarships, National Defense Student Loan, Educational Opportunity Grant and Student Work Study programs are offered with about 15% of freshmen and 18% of all students receiving aid. Maximum freshmen and 18% of all students receiving aid. Maximum freshman aid is $2,000. Deadline for scholarship application is February 1. Deadline for other financial aid application is August 1. The Parents Confidential Statement is required.

Collections College collections include vertebrate animals from intermountain region, preserved amphibians and reptiles, study skins of birds and mammals, and synoptic survey of insects. College herbarium houses plants of Weber County, flora of Utah and adjacent states, some 500 sheets of South Pacific plants and plants from eastern U.S.; geological collections of minerals, ores, rocks and fossils of over 150 species.

Degree Requirements For all degrees: 183 quarter units; 40 units general education; 60 upper division units; 40–60 units in major, 20 in minor; 2.0 average on 4.0 scale minimum residence 45 units including 1 quarter of senior year. For teacher education: 2.25 average.

Student Life College's residence halls house 2% of undergraduate men and 4% of undergraduate women. Single freshman men and single freshmen and sophomore women under 21 must live on campus or with their families. Apartments available for married students. Some 8% of men and 9% of women join 7 fraternities and 5 sororities. Cars permitted. College sponsors artist-lecture series, art shows, drama, operas and music programs. Ogden (pop. 90,000) is 35 miles north of Salt Lake City.

R.O.T.C. Army optional for 2 or 4 years.

SOUTHERN UTAH STATE COLLEGE (1897) Cedar City

President: Royden C. Braithwaite

Administrative Offices: Cedar City, Utah 84720

Established as Branch Normal School of University of Utah and first instruction 1897; transferred to Utah State Agricultural College and name changed to Branch Agricultural College of Utah 1913; first baccalaureate awarded 1950; name changed to College of Southern

Utah 1953; became independent institution 1965; present name adopted 1969.

Defined Role Southern Utah State College provides an educational opportunity within the Utah System of Higher Education for those whose needs are best served in a small- to medium-size four-year college with its residential life and sense of community. The College is authorized to offer courses leading to the baccalaureate degree in the arts and sciences, in teacher education, business and technology. The College offers approved pre-professional programs, certified programs in vocational and technical subjects, and agricultural subjects approved by the Board. Opportunities exist in continuing education, also in community service and development commensurate with its approved curriculum and resources.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted September, January, March. Degrees conferred in June. Summer session: two 4 week terms, early June to early August.

Admission $10 application fee. Applications should be submitted at least 6 weeks before registration.

Fees *Resident:* Full-time tuition and fees, $128 per quarter. *Nonresident:* $263 per quarter. On campus room and board per year $762 ($25 application).

Student Financial Aid All scholarship applications must be received prior to March 1 to be considered for awards the next autumn quarter. The college participates in the National Defense Loans, Educational Opportunity Grant and the College Work Study programs. Applications for these programs should be submitted by July 1. 35% of freshmen and 46% of all undergraduates received some aid in 1969–70. Maximum freshman aid is $1,650, an average of $650. The Parents Confidential Statement form is required.

Degree Requirements For all degrees: 183 quarter units; 56 units general education; 40–65 units in major, 20–30 in minor. See catalog for other details.

Student Life 34% of students live in residence halls. There are campus apartments for married couples. About 8% of men join 3 fraternities housing 75% of members. Cars permitted. College sponsors Annual Utah Shakespearean Festival. Drama club and art shows are jointly sponsored by community and school. Cedar City (pop. 9,000) sponsors programs by Ballet West and Utah Symphony. College is 265 miles south of Salt Lake City.

SNOW COLLEGE (1888) Ephraim

President: Floyd S. Holm

Administrative Offices: Ephraim, Utah 84627

Established as Sanpete Stake Academy by the Church of Jesus Christ of Latter-day Saints. Name changed to Snow Academy 1900. Junior college instruction first offered 1923. In 1933, came under control of State Department of Public Instruction. Became branch of Utah State University of Agriculture and Applied Science, 1951. Became part of Utah State System of Higher Education under control of Utah State Board of Higher Education, 1969.

Defined Role Snow College affords opportunities for students at a two-year, combined residential and day-student college. With Dixie College and the College of Eastern Utah, the system's two-year colleges are designed to provide pre-matriculation, general, vocational, as well as transfer options. Snow provides unusual opportunities for students who are especially interested in residential experience in a two-year college. The system's two-year colleges are intended to serve as viable, productive, two-year colleges, providing general educational opportunities and transfer options to the four-year colleges and universities.

Calendar Quarter system. Regular session late September to early June. Freshmen may enter any quarter. Associate degrees conferred in June.

Admission Open door. No application fee required. Applications received up to the day of registration. American College Test and physical examination required.

Fees *Resident:* Full-time tuition and fees $115 per quarter. *Nonresident:* Full-time tuition and fees $235 per quarter. Minimum on-campus room and board $207 per quarter. On-campus housing only, $72–$90 per quarter. Married student housing available.

Student Financial Aid Some 34% of Freshmen and 45% of all students received aid in 1970–71. The maximum freshman aid is $1,600 with the average being $485. Deadline for application is 6 weeks prior to date needed. National Defense Student Loans, Educational Opportunity Grants, College Work-Study Programs require the Parents Confidential Statement. Scholarships and activity Grants-in-Aid also available with applications required by March 1st.

Degree Requirements 96 quarter hours, 1.7 average on 4.0 scale required. Prescribed courses: Associate in Science — biological sciences, English, humanities, physical education, physical sciences, social sciences; for Associate in Arts — Foreign language also required; for Associate in Applied Science — strong concentrations in specific vocational-technical areas with modifications of the "general education" requirements of the above listed degrees. The Certificate of Completion in technical areas also available and may be awarded at any time in academic year that prescribed course is completed.

Divisions Natural Sciences; Social Sciences; Humanities and Arts; Industrial and Occupational Education.

Student Life On-campus housing available. Yearbook, bi-weekly newspaper, annual literary magazine. Major student activities and organization: Associated Students, Associated Men Students, Associated Women Students, class organizations. Social and special interest clubs. All major sports. Automobiles permitted.

DIXIE COLLEGE (1911) St. George

President: Ferron C. Losee

Administrative Offices: St. George, Utah 84770

Established 1911 as 4-year high school by the Church of Jesus Christ of Latter-day Saints; junior college instruction added in 1916. The state assumed control in 1933. In 1963, the college separated from the high school and moved to its present campus.

Role Dixie College subscribes to the two-year comprehensive community college concept including terminal-occupational programs below the bachelor level, academic-transfer programs to prepare the student for work at the bachelor level, and continuing education programs geared to meet the needs of part-time students and those seeking to retrain or add to their educational skills.

Calendar Quarter system. Regular session late September to early June. Freshmen register September, January, and March. Degrees conferred in June. Summer session.

Admission Open door admission policy. No application fee required. Applications accepted up to the day of registration.

Fees *Resident:* Full-time tuition and fees $365 per school year. *Non-*

resident: Full-time tuition and fees $725 per school year. On campus room and board $780. Married student housing available.

Student Financial Aid

Scholarship deadline is March 1. Students should have a 3.5 grade point average to apply for available academic scholarships. Some departmental scholarships available in Music, Art, Drama, Speech, Journalism and other programs. National Defense Student Loans, Educational Opportunity Grants, and Work-Study Programs, require the Parents Confidential Statement.

Degree Requirements

96 quarter hours, 2.0 average on 4.0 scale is required. To qualify for graduation, the student must successfully complete at least 9 hours of credit in each of the following divisions: Life, Physical and Social Sciences, and Humanities, as well as complete the Freshman English, Physical and Health Education requirements. Students may earn up to 48 hours of CLEP credits, may obtain credit or class waivers through advanced placement programs, may obtain credit by examination, or otherwise challenge any course in the curriculums.

Divisions

Art, Biological Sciences, Home Economics, Humanities, Music, Physical Education and Recreation; Physical Sciences and Mathematics, Social Sciences and Education; Speech and Theatre Arts, Auto Trades, Aviation Occupations, Business, Industrial Arts, Engineering Technology and Graphic Arts.

Student Life

Students not living with parents or guardians must live on campus or in college approved housing. Campus located 315 miles south of Salt Lake City in a city of approximately 8,000. Yearbook, weekly newspaper, literary magazine. Major student activities and organizations: National, State, and local fraternities and clubs on campus. Major sports: football, basketball, baseball, tennis, rodeo, track. Automobiles allowed on campus.

COLLEGE OF EASTERN UTAH (1937) Price

President: Dean M. McDonald

Administrative Offices: Price, Utah 84501

Established by the legislature in 1937 as Carbon College, a 4-year junior college-high school controlled by the state board of education and Carbon County School District cooperating. Abolished by an act of the legislature in 1953 but saved by referendum. Became a branch of the University of Utah in 1969, dropping high school

program. Name changed from Carbon College to the present in 1965.

Defined Role The College of Eastern Utah provides educational opportunity of general and flexible nature, with pre-matriculation, vocational, transfer, and general completion opportunities. Situated in a city affording special cultural advantages, populated with people of high ethical and educational standards, CEU affords outstanding opportunities as a well-integrated, two-year college.

Calendar Quarter system. Regular session late September to early June. Freshmen may enter September, January, and March. Degrees conferred in June. Summer session: eight week session, mid-June to mid-August.

Admission Open door admission policy. No application fee required. Applications received up to the day of registration.

Fees *Resident:* Full-time tuition and fees $327 per school year. *Nonresident:* Full-time tuition and fees $687 per school year. On campus room and board $750 per school year. Married housing available.

Student Financial Aid Scholarships along with the National Defense Student Loan, Educational Opportunity Grant and Student Work Study Programs are offered. Maximum freshmen aid is $1,527 with the average being $550. 40% freshmen and 50% of all undergraduates receive aid. Deadline for scholarship application is March 1, for all other aid it is April 1. Late date for financial aid applications is August 1. The Parents Confidential Statement is required for all student aid.

Degree Requirements For an associate degree, 93 quarter hours, 2.0 average required. Prescribed courses: biological science 9 hours, English 6, humanities 9, orientation, personal hygiene 1, physical education 3, physical science 9, speech 3.

Divisions Business, Education and Social Sciences, Humanities, Natural Science, Trade and Technical.

Student Life Some on-campus housing available. Campus is located in Price, a city of approximately 7,000, 120 miles from Salt Lake City. Yearbook, biweekly newspaper, annual literary magazine. Major student activities and organizations: student government service and religious groups, speech and dramatics, fraternities, music. Major sports: basketball, baseball, track. Automobiles allowed on campus.

UTAH TECHNICAL COLLEGE AT PROVO (1941) Provo

President: Wilson W. Sorensen

Administrative Offices: Provo, Utah 84601

Four school districts in the Utah County area worked together to establish the institution as Central Utah Vocational School in 1941. Made a state institution in 1947. Authorization 1967 to award the Associate in Applied Science Degree. Full accreditation by the Northwest Association of Secondary and Higher Schools in 1969.

Defined Role The two Utah technical colleges emphasize vocational, technical, and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate Applied Science degree. With short-courses, evening courses — credit and non-credit — the Utah Technical College at Provo provides significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College with its four-year School of Technology, are open to graduates of the Technical Colleges. Through individual advisement, transfer possibilities elsewhere in the System may be arranged. The Technical College offers the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

Calendar Quarter system. Regular session early September to late May. Freshmen may enter in September. Degrees conferred in May and August.

Admission Open door admission policy. Application fee of $5 required.

Fees *Resident:* Full-time tuition and fees $309 per school year. *Nonresident:* Full-time tuition and fees $936 per school year. No campus housing available. (Community housing available.)

Student Financial Aid Scholarship deadline is March 1. Scholarships and tuition waivers available. National Defense Student Loans, Economic Opportunity Grants, and Work-Study Programs require the Parents Confidential Statement.

Degree Requirements 96 quarter hours, 2.0 average on 4.0 scale required. Prescribed courses: at least 24 hours selected from each of the following divisions: Humanities, Social Science, Biological and Physical Sciences, and Electives. Certificates of completion available.

Divisions Auto Body, Auto Mechanics, Building Construction, Business, Continuing Education, Office Education, Dental Assisting, Diesel Mechanics, Drafting and Design Technology, Electrical and Automation Technology, Electronics, General Education, Instrument Repair, Machine Shop, Marketing Management, Practical Nursing, Professional Driving, Refrigeration and Air Conditioning, and Welding.

Student Life College has a monthly newspaper. Activities include clubs, Associated Students, Associated Men Students, Associated Women Students and Class Organizations, Intercollegiate and Intramural Sports and Physical Education programs. Major sports: baseball and basketball. Automobiles are allowed on campus. LDS Institute of Religion and other religious facilities convenient to campus.

UTAH TECHNICAL COLLEGE AT SALT LAKE (1947)

President: Jay L. Nelson

Administrative Offices: 4600 South Redwood Road
Salt Lake City, Utah 84107

Established in 1947 by the Utah Legislature as Salt Lake Area Vocational School. Name changed to Salt Lake Trade Technical Institute in 1959. The present name originated in 1967.

Defined Role The two Utah technical colleges emphasize vocational, technical, and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate of Applied Science diploma. With short-courses, evening courses — credit and non-credit — the Utah Technical Colleges provide significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College with its four-year School of Technology, are open to graduates of the Technical Colleges. Through individual advisement, transfer possibilities elsewhere in the System may be arranged. The Technical Colleges offer the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

Calendar Quarter system. Regular session, late September to early June. Freshmen may enter most courses any quarter. Summer session is

held from mid-June to late-August. Degrees conferred in June and August.

Admission Open door policy. $5 application fee required. Applications should be received 30 days prior to enrollment.

Fees *Resident:* Full-time tuition and fees $300 per school year. *Non-resident:* Full-time tuition and fees $900 per school year. No campus housing available.

Student Financial Aid Scholarships, along with National Defense Student Loan, Educational Opportunity Grant and Student Work Study Programs are offered. Maximum freshman aid is $2,000. Deadline for scholarship applications is April 1. The Parents Confidential Statement is required for all student aid.

Divisions Automotive, Metals, Business, Graphics, Health Occupations, Electronics, Related Instruction.

Degree Requirements Associate of Applied Science: 96 quarter hours, 1.9 average required. Prescribed courses: Social science 6 hours, physical science 6 hours, humanities 6 hours, plus composite of above 6 hours. Certificate of Completion available.

Student Life Yearbook, monthly newspaper. Major student activities and organizations: Associated Students, class organizations, variety of service and special organizations. Intramural sports only. Automobiles allowed on campus.